

## Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: **CK281040010**  
Product name: **KRAFT MASTER BASICS 10-Yellow**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: **High Quality Basic Color**

#### 1.3. Details of the supplier of the safety data sheet

Name: **DRUCKFARBEN HELLAS SA**  
Full address: **MEGARIDOS AVENUE**  
District and Country: **19300 ASPROPYRGOS (ATTIKI)**  
**GREECE**  
Tel.: **+30 210 5519500**  
Fax: **+30 210 5519501**  
e-mail address of the competent person responsible for the Safety Data Sheet: **psafety@druckfarben.gr**

#### 1.4. Emergency telephone number

For urgent inquiries refer to: **0030-210-7793777**

### SECTION 2. Hazards identification

#### 2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

Hazard classification and indication: --

#### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

**EUH210** Safety data sheet available on request.  
**EUH208** Contains: 2-Methylisothiazol-3(2H)-one  
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and  
2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
1,2-Benzisothiazol-3(2H)-one (ECHA)  
1,2-Benzisothiazol-3(2H)-one (BW20)  
May produce an allergic reaction.

Precautionary statements:

**P501** Dispose of contents / container to an approved waste disposal plant or recycled in accordance with local / national / international regulations.  
**P102** Keep out of reach of children.  
**P101** If medical advice is needed, have product container or label at hand.  
**P312** Call a POISON CENTRE / doctor, if you feel unwell.

### SECTION 2. Hazards identification ... / >>

#### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

### SECTION 3. Composition/information on ingredients

#### 3.2. Mixtures

Contains:

| Identification   | x = Conc. %                      | Classification (EC) 1272/2008 (CLP)  |
|--|----------------------------------|--|
| <b>TITANIUM DIOXIDE</b>  |                                  |  |
| INDEX  | $1 \leq x < 5$                   |  |
| EC   | 236-675-5                        |  |
| CAS  | 13463-67-7                       |  |
| REACH Reg.   | 01-2119489379-17-0000            | 01-2119489379-17-0197  |
| <b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>  |                                  |  |
| INDEX  | 649-327-00-6 $1 \leq x < 5$      | <b>Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066, Classification note according to Annex VI to the CLP Regulation: P</b>   |
| EC   | 919-857-5                        |  |
| CAS  | 64742-48-9                       |  |
| REACH Reg.   | 01-2119463258-33-xxxx            |  |
| <b>1,2-Benzisothiazol-3(2H)-one (BW20)</b>   |                                  |  |
| INDEX  | 613-088-00-6 $0 \leq x < 0,05$   | <b>Acute Tox. 2 H330, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1</b>  |
| EC   | 220-120-9                        | <b>Skin Sens. 1 H317: <math>\geq 0,05\%</math></b>   |
| CAS  | 2634-33-5                        | <b>LD50 Oral: 1150 mg/kg, STA Inhalation mists/powders: 0,051 mg/l</b>   |
| REACH Reg.   | 01-2120761540-60                 |  |
| <b>1,2-Benzisothiazol-3(2H)-one (ECHA)</b>   |                                  |  |
| INDEX  | 613-088-00-6 $0 \leq x < 0,05$   | <b>Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1</b>   |
| EC   | 220-120-9                        | <b>Skin Sens. 1 H317: <math>\geq 0,05\%</math></b>   |
| CAS  | 2634-33-5                        | <b>LD50 Oral: 1150 mg/kg</b>   |
| REACH Reg.   | 01-2120761540-60                 |  |
| <b>Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b> |                                  |  |
| INDEX  | 613-167-00-5 $0 \leq x < 0,0015$ | <b>Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071</b>   |
| EC   | 611-341-5                        | <b>Skin Corr. 1C H314: <math>\geq 0,6\%</math>, Skin Irrit. 2 H315: <math>\geq 0,06\%</math>, Skin Sens. 1 H317: <math>\geq 0,0015\%</math>, Eye Dam. 1 H318: <math>\geq 0,6\%</math>, Eye Irrit. 2 H319: <math>\geq 0,06\%</math></b> |
| CAS  | 55965-84-9                       | <b>STA Oral: 100 mg/kg, STA Dermal: 50,001 mg/kg, STA Inhalation vapours: 0,501 mg/l</b>   |
| REACH Reg.   | 01-2120764691-48                 |  |
| <b>2-Methylisothiazol-3(2H)-one</b>  |                                  |  |
| INDEX  | 613-167-00-5 $0 \leq x < 0,0015$ | <b>Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Eye Dam. 1 H318, Eye Dam. 1 H318, STOT SE 3 H335, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1, EUH071</b>                |
| EC   | 220-239-6                        | <b>Skin Sens. 1A H317: <math>\geq 0,0015\%</math></b>  |
| CAS  | 2682-20-4                        | <b>LD50 Oral: 120 mg/kg, LD50 Dermal: 242 mg/kg, STA Inhalation mists/powders: 0,051 mg/l</b>  |

The full wording of hazard (H) phrases is given in section 16 of the sheet.

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

**INGESTION:** Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

**INHALATION:** Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

### SECTION 4. First aid measures ... / >>

#### 4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Information not available

### SECTION 5. Firefighting measures

#### 5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

#### 5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

#### 5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

### SECTION 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

#### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

#### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

### SECTION 7. Handling and storage

#### 7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

### SECTION 7. Handling and storage ... / >>

#### 7.3. Specific end use(s)

Information not available

### SECTION 8. Exposure controls/personal protection

#### 8.1. Control parameters

Regulatory References:

|     |                             |   |
|-----|-----------------------------|---|
| BGR | България                    | НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г. ЗА ЗАЩИТА НА РАБОТЕЩИТЕ ОТ РИСКОВЕ, СВЪРЗАНИ С ЕКСПОЗИЦИЯ НА ХИМИЧНИ АГЕНТИ ПРИ РАБОТА (изм. ДВ. бр.5 от 17 Януари 2020г.)  |
| DEU | Deutschland                 | Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56   |
| GRC | Ελλάδα                      | Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ "σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιγόνους παράγοντες κατά την εργασία"» |
| ROU | România                     | Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru modificarea și completarea hotărârii guvernului nr. 1.093/2006   |
| GBR | United Kingdom<br>TLV-ACGIH | EH40/2005 Workplace exposure limits (Fourth Edition 2020)<br>ACGIH 2022   |

#### Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

##### Threshold Limit Value

| Type | Country | TWA/8h |     | STEL/15min |     | Remarks / Observations |
|------|---------|--------|-----|------------|-----|------------------------|
|      |         | mg/m3  | ppm | mg/m3      | ppm |                        |
| AGW  | DEU     | 0,05   |     |            |     | SKIN                   |

#### TITANIUM DIOXIDE

##### Threshold Limit Value

| Type      | Country | TWA/8h |     | STEL/15min |     | Remarks / Observations |
|-----------|---------|--------|-----|------------|-----|------------------------|
|           |         | mg/m3  | ppm | mg/m3      | ppm |                        |
| TLV       | BGR     | 10     |     |            |     | RESP                   |
| TLV       | GRC     |        | 10  |            |     |                        |
| TLV       | ROU     | 10     |     | 15         |     |                        |
| WEL       | GBR     | 10     |     |            |     | INHAL                  |
| WEL       | GBR     | 4      |     |            |     | RESP                   |
| TLV-ACGIH |         | 2,5    |     |            |     | RESP                   |

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

##### Threshold Limit Value

| Type | Country | TWA/8h |     | STEL/15min |     | Remarks / Observations |
|------|---------|--------|-----|------------|-----|------------------------|
|      |         | mg/m3  | ppm | mg/m3      | ppm |                        |
| TLV  | GRC     | 1200   |     |            |     |                        |

##### Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers |                |               |                  | Effects on workers |                |               |                  |
|-------------------|----------------------|----------------|---------------|------------------|--------------------|----------------|---------------|------------------|
|                   | Acute local          | Acute systemic | Chronic local | Chronic systemic | Acute local        | Acute systemic | Chronic local | Chronic systemic |
| Oral              |                      |                | VND           | 300 mg/kg/d      |                    |                |               |                  |
| Inhalation        |                      |                | VND           | 900 mg/m3        | VND                | 1500 mg/m3     |               |                  |
| Skin              |                      |                | VND           | 300 mg/kg/d      |                    |                | VND           | 300 mg/kg/d      |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard

; MED = medium hazard ; HIGH = high hazard.

### SECTION 8. Exposure controls/personal protection ... / >>

#### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

##### HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

##### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

##### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

##### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

##### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

### SECTION 9. Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

| Properties                             | Value                       | Information  |
|--|-----------------------------|--|
| Appearance                             | liquid                      |  |
| Colour                                 | as showed in color folder   |  |
| Odour                                  | mild                        |  |
| Melting point / freezing point         | not available               |  |
| Initial boiling point                  | not available               |  |
| Flammability                           | not available               |  |
| Lower explosive limit                  | not available               |  |
| Upper explosive limit                  | not available               |  |
| Flash point                            | > 60 °C                     |  |
| Auto-ignition temperature              | not available               |  |
| Decomposition temperature              | not available               |  |
| pH                                     | 8,5-9,7                     | Concentration: 100 %<br>Temperature: 25 °C                                       |
| Kinematic viscosity                    | 800-2350 mm <sup>2</sup> /s | Method:Converting Formula from Dynamic Viscosity & Density<br>Temperature: 25 °C |
| Dynamic viscosity                      | 90-120 KU                   | Method:ASTM D 562-05<br>Temperature: 25 °C                                       |
| Solubility                             | not available               |  |
| Partition coefficient: n-octanol/water | not available               |  |
| Vapour pressure                        | not available               |  |
| Density and/or relative density        | 1,25-1,42 kg/l              | Method:ISO 2811<br>Temperature: 25 °C  |
| Relative vapour density                | not available               |  |
| Particle characteristics               | not applicable              |  |

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

Information not available

### SECTION 9. Physical and chemical properties ... / >>

#### 9.2.2. Other safety characteristics

Total solids (250°C / 482°F) 58,21 %

### SECTION 10. Stability and reactivity

#### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

#### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

#### 10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Avoid exposure to: heat.

Keep away from: oxidising agents.

#### 10.5. Incompatible materials

Information not available

#### 10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

### SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

##### Information on likely routes of exposure

Information not available

##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

##### Interactive effects

Information not available

##### ACUTE TOXICITY

ATE (Inhalation) of the mixture:

Not classified (no significant component)

ATE (Oral) of the mixture:

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

1,2-Benzisothiazol-3(2H)-one (ECHA)

LD50 (Dermal):

> 2000 mg/kg Rat

LD50 (Oral):

1150 mg/kg Mouse

### SECTION 11. Toxicological information ... / >>

1,2-Benzisothiazol-3(2H)-one (BW20)  
LD50 (Dermal): > 2000 mg/kg Rat  
LD50 (Oral): 1150 mg/kg Mouse

2-Methylisothiazol-3(2H)-one  
LD50 (Dermal): 242 mg/kg Rat  
LD50 (Oral): 120 mg/kg Rat (females)

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LD50 (Dermal): 1000 mg/kg Rat  
STA (Dermal): 50,001 mg/kg estimate from table 3.1.2 of Annex I of the CLP  
(figure used for calculation of the acute toxicity estimate of the mixture)

LD50 (Oral): 550 mg/kg Rat  
LC50 (Inhalation vapours): 0,31 mg/l Rat

TITANIUM DIOXIDE  
LD50 (Oral): > 10000 mg/kg Rat

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
LD50 (Dermal): > 5000 mg/kg Rabbit  
LD50 (Oral): > 5000 mg/kg Rat  
LC50 (Inhalation vapours): > 20 mg/l/4h Rat

#### SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

#### SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

#### RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

2-Methylisothiazol-3(2H)-one

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

1,2-Benzisothiazol-3(2H)-one (ECHA)

1,2-Benzisothiazol-3(2H)-one (BW20)

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

#### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

#### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

#### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

#### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class Viscosity: 800-2350 mm<sup>2</sup>/s

#### 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

### SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

#### 12.1. Toxicity

1,2-Benzisothiazol-3(2H)-one (ECHA)  
LC50 - for Fish 0,8 mg/l/96h Oncorhynchus mykiss (Ιριδίζουσα πέστροφα)  
EC50 - for Algae / Aquatic Plants 4,4 mg/l/72h Daphnia magna (Νερόψυλλος ο μέγας)

1,2-Benzisothiazol-3(2H)-one (BW20)  
LC50 - for Fish 0,8 mg/l/96h Oncorhynchus mykiss (Ιριδίζουσα πέστροφα)  
EC50 - for Algae / Aquatic Plants 4,4 mg/l/72h Daphnia magna (Νερόψυλλος ο μέγας)

2-Methylisothiazol-3(2H)-one  
LC50 - for Fish 3,79 mg/l/96h  
EC50 - for Crustacea 4,67 mg/l/48h Daphnia

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
LC50 - for Fish 0,58 mg/l/96h  
EC50 - for Algae / Aquatic Plants 0,161 mg/l/72h  
Chronic NOEC for Algae / Aquatic Plants 0,032 mg/l 96h

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
LC50 - for Fish > 100 mg/l/96h Fish / Aquatic Invertebrates / Algae / Microorganisms  
EC50 - for Crustacea > 100 mg/l/48h  
EC50 - for Algae / Aquatic Plants > 100 mg/l/72h  
Chronic NOEC for Fish > 0,1 mg/l  
Chronic NOEC for Crustacea > 0,1 mg/l

#### 12.2. Persistence and degradability

2-Methylisothiazol-3(2H)-one  
NOT rapidly degradable

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
NOT rapidly degradable 30 %, Exposure time: 28 d, OECD Test Guideline 301B

TITANIUM DIOXIDE  
Solubility in water < 0,001 mg/l  
Degradability: information not available

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Rapidly degradable

#### 12.3. Bioaccumulative potential

2-Methylisothiazol-3(2H)-one  
BCF 3,16

#### 12.4. Mobility in soil

Information not available

#### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

#### 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.



## SECTION 12. Ecological information ... / >>

### 12.7. Other adverse effects

Information not available

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.  
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.  
CONTAMINATED PACKAGING  
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

### 14.1. UN number or ID number

not applicable

### 14.2. UN proper shipping name

not applicable

### 14.3. Transport hazard class(es)

not applicable

### 14.4. Packing group

not applicable

### 14.5. Environmental hazards

not applicable

### 14.6. Special precautions for user

not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

## SECTION 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

|                            |    |
|----------------------------|----|
| <u>Product</u>             |    |
| Point                      | 40 |
| <u>Contained substance</u> |    |
| Point                      | 75 |

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors  
not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

### SECTION 15. Regulatory information ... / >>

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

### SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

|                          |  |
|--------------------------|--|
| <b>Flam. Liq. 3</b>      | Flammable liquid, category 3                                       |
| <b>Acute Tox. 2</b>      | Acute toxicity, category 2   |
| <b>Acute Tox. 3</b>      | Acute toxicity, category 3   |
| <b>Acute Tox. 4</b>      | Acute toxicity, category 4   |
| <b>Asp. Tox. 1</b>       | Aspiration hazard, category 1                                      |
| <b>Skin Corr. 1B</b>     | Skin corrosion, category 1B  |
| <b>Skin Corr. 1C</b>     | Skin corrosion, category 1C  |
| <b>Eye Dam. 1</b>        | Serious eye damage, category 1                                     |
| <b>Skin Irrit. 2</b>     | Skin irritation, category 2  |
| <b>STOT SE 3</b>         | Specific target organ toxicity - single exposure, category 3       |
| <b>Skin Sens. 1</b>      | Skin sensitization, category 1                                     |
| <b>Skin Sens. 1A</b>     | Skin sensitization, category 1A                                    |
| <b>Aquatic Acute 1</b>   | Hazardous to the aquatic environment, acute toxicity, category 1   |
| <b>Aquatic Chronic 1</b> | Hazardous to the aquatic environment, chronic toxicity, category 1 |
| <b>H226</b>              | Flammable liquid and vapour.                                       |
| <b>H310</b>              | Fatal in contact with skin.  |
| <b>H330</b>              | Fatal if inhaled.  |
| <b>H301</b>              | Toxic if swallowed.  |
| <b>H311</b>              | Toxic in contact with skin.  |
| <b>H302</b>              | Harmful if swallowed.  |
| <b>H304</b>              | May be fatal if swallowed and enters airways.                      |
| <b>H314</b>              | Causes severe skin burns and eye damage.                           |
| <b>H318</b>              | Causes serious eye damage.   |
| <b>H315</b>              | Causes skin irritation.  |
| <b>H335</b>              | May cause respiratory irritation.                                  |
| <b>H317</b>              | May cause an allergic skin reaction.                               |
| <b>H336</b>              | May cause drowsiness or dizziness.                                 |
| <b>H400</b>              | Very toxic to aquatic life.  |
| <b>H410</b>              | Very toxic to aquatic life with long lasting effects.              |
| <b>EUH066</b>            | Repeated exposure may cause skin dryness or cracking.              |
| <b>EUH071</b>            | Corrosive to the respiratory tract.                                |
| <b>EUH210</b>            | Safety data sheet available on request.                            |

#### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule

### SECTION 16. Other information ... / >>

- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

#### GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

#### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section



# DRUCKFARBEN HELLAS SA

## KRAFT MASTER BASICS 10-Yellow

Revision nr.5  
Dated 18/04/2023  
Printed on 18/04/2023  
Page n. 12 / 12  
Replaced revision:4 (Dated 28/03/2022)

EN

### SECTION 16. Other information ... / >>

11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 09 / 10 / 11 / 12 / 15 / 16.

## Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: **CK281040011**  
Product name: **KRAFT MASTER BASICS 11-Maroon**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: **High Quality Basic Color**

#### 1.3. Details of the supplier of the safety data sheet

Name: **DRUCKFARBEN HELLAS SA**  
Full address: **MEGARIDOS AVENUE**  
District and Country: **19300 ASPROPYRGOS (ATTIKI)**  
**GREECE**  
Tel.: **+30 210 5519500**  
Fax: **+30 210 5519501**  
e-mail address of the competent person responsible for the Safety Data Sheet: **psafety@druckfarben.gr**

#### 1.4. Emergency telephone number

For urgent inquiries refer to: **0030-210-7793777**

### SECTION 2. Hazards identification

#### 2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

Hazard classification and indication: --

#### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

**EUH210** Safety data sheet available on request.  
**EUH208** Contains: 2-Methylisothiazol-3(2H)-one  
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and  
2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
1,2-Benzisothiazol-3(2H)-one (ECHA)  
1,2-Benzisothiazol-3(2H)-one (BW20)  
May produce an allergic reaction.

Precautionary statements:

**P501** Dispose of contents / container to an approved waste disposal plant or recycled in accordance with local / national / international regulations.  
**P102** Keep out of reach of children.  
**P101** If medical advice is needed, have product container or label at hand.  
**P312** Call a POISON CENTRE / doctor, if you feel unwell.

### SECTION 2. Hazards identification ... / >>

#### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

### SECTION 3. Composition/information on ingredients

#### 3.2. Mixtures

Contains:

| Identification   | x = Conc. %           | Classification (EC) 1272/2008 (CLP)   |
|--|-----------------------|---|
| <b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>  |                       |   |
| INDEX  | 649-327-00-6          | $1 \leq x < 5$  |
| EC   | 919-857-5             | <b>Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066, Classification note according to Annex VI to the CLP Regulation: P</b>  |
| CAS  | 64742-48-9            |   |
| REACH Reg.   | 01-2119463258-33-xxxx |   |
| INDEX  | 613-088-00-6          |   |
| EC   | 220-120-9             | <b>Acute Tox. 2 H330, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1</b>   |
| CAS  | 2634-33-5             |   |
| REACH Reg.   | 01-2120761540-60      |   |
| INDEX  | 613-088-00-6          |   |
| EC   | 220-120-9             | <b>Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1</b>  |
| CAS  | 2634-33-5             |   |
| REACH Reg.   | 01-2120761540-60      |   |
| INDEX  | 613-088-00-6          |   |
| <b>Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b> |                       |   |
| INDEX  | 613-167-00-5          | $0 \leq x < 0,0015$   |
| EC   | 611-341-5             | <b>Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071</b>                                |
| CAS  | 55965-84-9            |   |
| REACH Reg.   | 01-2120764691-48      |   |
| INDEX  | 613-167-00-5          |   |
| EC   | 220-239-6             | <b>Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Eye Dam. 1 H318, Eye Dam. 1 H318, STOT SE 3 H335, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1, EUH071</b> |
| CAS  | 2682-20-4             |   |
| REACH Reg.   | 01-2120764691-48      |   |
| INDEX  | 613-167-00-5          |   |
| EC   | 220-239-6             | <b>Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Eye Dam. 1 H318, Eye Dam. 1 H318, STOT SE 3 H335, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1, EUH071</b> |
| CAS  | 2682-20-4             |   |
| REACH Reg.   | 01-2120764691-48      |   |
| INDEX  | 613-167-00-5          |   |
| EC   | 220-239-6             | <b>Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Eye Dam. 1 H318, Eye Dam. 1 H318, STOT SE 3 H335, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1, EUH071</b> |
| CAS  | 2682-20-4             |   |
| REACH Reg.   | 01-2120764691-48      |   |
| INDEX  | 613-167-00-5          |   |

The full wording of hazard (H) phrases is given in section 16 of the sheet.

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

**INGESTION:** Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

**INHALATION:** Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

#### 4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

### SECTION 4. First aid measures ... / >>

#### 4.3. Indication of any immediate medical attention and special treatment needed

Information not available

### SECTION 5. Firefighting measures

#### 5.1. Extinguishing media

##### SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

##### UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

#### 5.2. Special hazards arising from the substance or mixture

##### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

#### 5.3. Advice for firefighters

##### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

##### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

### SECTION 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

#### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

#### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

### SECTION 7. Handling and storage

#### 7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

#### 7.3. Specific end use(s)

Information not available

### SECTION 8. Exposure controls/personal protection

#### 8.1. Control parameters

Regulatory References:

|     |             |   |
|-----|-------------|---|
| DEU | Deutschland | Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56   |
| GRC | Ελλάδα      | Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ "σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιγόνους παράγοντες κατά την εργασία"» |

**Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)**

#### Threshold Limit Value

| Type | Country | TWA/8h            |     | STEL/15min        |     | Remarks / Observations |
|------|---------|-------------------|-----|-------------------|-----|------------------------|
|      |         | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |                        |
| AGW  | DEU     | 0,05              |     |                   |     | SKIN                   |

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Threshold Limit Value

| Type | Country | TWA/8h            |     | STEL/15min        |     | Remarks / Observations |
|------|---------|-------------------|-----|-------------------|-----|------------------------|
|      |         | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |                        |
| TLV  | GRC     | 1200              |     |                   |     |                        |

#### Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers |       | Chronic |                       | Effects on workers |                        |               |                  |
|-------------------|----------------------|-------|---------|-----------------------|--------------------|------------------------|---------------|------------------|
|                   | Acute                | Acute | local   | systemic              | Acute local        | Acute systemic         | Chronic local | Chronic systemic |
| Oral              |                      |       | VND     | 300 mg/kg/d           |                    |                        |               |                  |
| Inhalation        |                      |       | VND     | 900 mg/m <sup>3</sup> | VND                | 1500 mg/m <sup>3</sup> |               |                  |
| Skin              |                      |       | VND     | 300 mg/kg/d           |                    |                        | VND           | 300 mg/kg/d      |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard

; MED = medium hazard ; HIGH = high hazard.

#### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

##### HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

##### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

##### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

##### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing



### SECTION 8. Exposure controls/personal protection ... / >>

apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

### SECTION 9. Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

| Properties                             | Value                       | Information  |
|--|-----------------------------|--|
| Appearance                             | liquid                      |  |
| Colour                                 | as showed in color folder   |  |
| Odour                                  | mild                        |  |
| Melting point / freezing point         | not available               |  |
| Initial boiling point                  | not available               |  |
| Flammability                           | not available               |  |
| Lower explosive limit                  | not available               |  |
| Upper explosive limit                  | not available               |  |
| Flash point                            | > 60 °C                     |  |
| Auto-ignition temperature              | not available               |  |
| Decomposition temperature              | not available               |  |
| pH                                     | 8,5-9,7                     | Concentration: 100 %<br>Temperature: 25 °C                                       |
| Kinematic viscosity                    | 800-2350 mm <sup>2</sup> /s | Method:Converting Formula from Dynamic Viscosity & Density<br>Temperature: 25 °C |
| Dynamic viscosity                      | 90-120 KU                   | Method:ASTM D 562-05<br>Temperature: 25 °C                                       |
| Solubility                             | not available               |  |
| Partition coefficient: n-octanol/water | not available               |  |
| Vapour pressure                        | not available               |  |
| Density and/or relative density        | 1,25-1,42 kg/l              | Method:ISO 2811<br>Temperature: 25 °C  |
| Relative vapour density                | not available               |  |
| Particle characteristics               | not applicable              |  |

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

Information not available

##### 9.2.2. Other safety characteristics

Total solids (250°C / 482°F) 49,92 %

### SECTION 10. Stability and reactivity

#### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

#### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

#### 10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

### SECTION 10. Stability and reactivity ... / >>

Avoid exposure to: heat.  
 Keep away from: oxidising agents.

#### 10.5. Incompatible materials

Information not available

#### 10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

### SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.  
 It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

##### Information on likely routes of exposure

Information not available

##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

##### Interactive effects

Information not available

##### ACUTE TOXICITY

|                                  |   |
|----------------------------------|---|
| ATE (Inhalation) of the mixture: | Not classified (no significant component) |
| ATE (Oral) of the mixture:       | Not classified (no significant component) |
| ATE (Dermal) of the mixture:     | Not classified (no significant component) |

|                                     |                  |
|-------------------------------------|------------------|
| 1,2-Benzisothiazol-3(2H)-one (ECHA) |                  |
| LD50 (Dermal):                      | > 2000 mg/kg Rat |
| LD50 (Oral):                        | 1150 mg/kg Mouse |

|                                     |                  |
|-------------------------------------|------------------|
| 1,2-Benzisothiazol-3(2H)-one (BW20) |                  |
| LD50 (Dermal):                      | > 2000 mg/kg Rat |
| LD50 (Oral):                        | 1150 mg/kg Mouse |

|                              |                         |
|------------------------------|-------------------------|
| 2-Methylisothiazol-3(2H)-one |                         |
| LD50 (Dermal):               | 242 mg/kg Rat           |
| LD50 (Oral):                 | 120 mg/kg Rat (females) |

|   |   |
|---|---|
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) |   |
| LD50 (Dermal):  | 1000 mg/kg Rat  |
| STA (Dermal):   | 50,001 mg/kg estimate from table 3.1.2 of Annex I of the CLP<br>(figure used for calculation of the acute toxicity estimate of the mixture) |
| LD50 (Oral):  | 550 mg/kg Rat   |
| LC50 (Inhalation vapours):  | 0,31 mg/l Rat   |

|   |                     |
|---|---------------------|
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics |                     |
| LD50 (Dermal):  | > 5000 mg/kg Rabbit |
| LD50 (Oral):  | > 5000 mg/kg Rat    |
| LC50 (Inhalation vapours):  | > 20 mg/l/4h Rat    |

##### SKIN CORROSION / IRRITATION

### SECTION 11. Toxicological information ... / >>

Does not meet the classification criteria for this hazard class

#### SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

#### RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

2-Methylisothiazol-3(2H)-one

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

1,2-Benzisothiazol-3(2H)-one (ECHA)

1,2-Benzisothiazol-3(2H)-one (BW20)

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

#### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

#### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

#### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

#### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class Viscosity: 800-2350 mm<sup>2</sup>/s

#### 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

### SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

#### 12.1. Toxicity

1,2-Benzisothiazol-3(2H)-one (ECHA)

LC50 - for Fish

0,8 mg/l/96h Oncorhynchus mykiss (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h Daphnia magna (Νερόψυλλος ο μέγας)

1,2-Benzisothiazol-3(2H)-one (BW20)

LC50 - for Fish

0,8 mg/l/96h Oncorhynchus mykiss (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h Daphnia magna (Νερόψυλλος ο μέγας)

2-Methylisothiazol-3(2H)-one

LC50 - for Fish

3,79 mg/l/96h

EC50 - for Crustacea

4,67 mg/l/48h Daphnia

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LC50 - for Fish

0,58 mg/l/96h

EC50 - for Algae / Aquatic Plants

0,161 mg/l/72h

Chronic NOEC for Algae / Aquatic Plants

0,032 mg/l 96h

### SECTION 12. Ecological information ... / >>

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
LC50 - for Fish > 100 mg/l/96h Fish / Aquatic Invertebrates / Algae / Microorganisms  
EC50 - for Crustacea > 100 mg/l/48h  
EC50 - for Algae / Aquatic Plants > 100 mg/l/72h  
Chronic NOEC for Fish > 0,1 mg/l  
Chronic NOEC for Crustacea > 0,1 mg/l

#### 12.2. Persistence and degradability

2-Methylisothiazol-3(2H)-one  
NOT rapidly degradable

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
NOT rapidly degradable 30 %, Exposure time: 28 d, OECD Test Guideline 301B

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Rapidly degradable

#### 12.3. Bioaccumulative potential

2-Methylisothiazol-3(2H)-one  
BCF 3,16

#### 12.4. Mobility in soil

Information not available

#### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

#### 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

#### 12.7. Other adverse effects

Information not available

### SECTION 13. Disposal considerations

#### 13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.  
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.  
CONTAMINATED PACKAGING  
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

### SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

#### 14.1. UN number or ID number

not applicable

#### 14.2. UN proper shipping name

not applicable



### SECTION 14. Transport information ... / >>

#### 14.3. Transport hazard class(es)

not applicable

#### 14.4. Packing group

not applicable

#### 14.5. Environmental hazards

not applicable

#### 14.6. Special precautions for user

not applicable

#### 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

### SECTION 15. Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product

Point 40

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

#### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

### SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

**Flam. Liq. 3**

Flammable liquid, category 3

### SECTION 16. Other information ... / >>

|                          |  |
|--------------------------|--|
| <b>Acute Tox. 2</b>      | Acute toxicity, category 2   |
| <b>Acute Tox. 3</b>      | Acute toxicity, category 3   |
| <b>Acute Tox. 4</b>      | Acute toxicity, category 4   |
| <b>Asp. Tox. 1</b>       | Aspiration hazard, category 1                                      |
| <b>Skin Corr. 1B</b>     | Skin corrosion, category 1B  |
| <b>Skin Corr. 1C</b>     | Skin corrosion, category 1C  |
| <b>Eye Dam. 1</b>        | Serious eye damage, category 1                                     |
| <b>Skin Irrit. 2</b>     | Skin irritation, category 2  |
| <b>STOT SE 3</b>         | Specific target organ toxicity - single exposure, category 3       |
| <b>Skin Sens. 1</b>      | Skin sensitization, category 1                                     |
| <b>Skin Sens. 1A</b>     | Skin sensitization, category 1A                                    |
| <b>Aquatic Acute 1</b>   | Hazardous to the aquatic environment, acute toxicity, category 1   |
| <b>Aquatic Chronic 1</b> | Hazardous to the aquatic environment, chronic toxicity, category 1 |
| <b>H226</b>              | Flammable liquid and vapour.                                       |
| <b>H310</b>              | Fatal in contact with skin.  |
| <b>H330</b>              | Fatal if inhaled.  |
| <b>H301</b>              | Toxic if swallowed.  |
| <b>H311</b>              | Toxic in contact with skin.  |
| <b>H302</b>              | Harmful if swallowed.  |
| <b>H304</b>              | May be fatal if swallowed and enters airways.                      |
| <b>H314</b>              | Causes severe skin burns and eye damage.                           |
| <b>H318</b>              | Causes serious eye damage.   |
| <b>H315</b>              | Causes skin irritation.  |
| <b>H335</b>              | May cause respiratory irritation.                                  |
| <b>H317</b>              | May cause an allergic skin reaction.                               |
| <b>H336</b>              | May cause drowsiness or dizziness.                                 |
| <b>H400</b>              | Very toxic to aquatic life.  |
| <b>H410</b>              | Very toxic to aquatic life with long lasting effects.              |
| <b>EUH066</b>            | Repeated exposure may cause skin dryness or cracking.              |
| <b>EUH071</b>            | Corrosive to the respiratory tract.                                |
| <b>EUH210</b>            | Safety data sheet available on request.                            |

#### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

#### GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament

### SECTION 16. Other information ... / >>

5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

#### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

#### Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 09 / 10 / 11 / 12 / 15 / 16.

## Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: **CK281040030**  
Product name: **KRAFT MASTER BASICS 30-Red**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: **High Quality Basic Color**

#### 1.3. Details of the supplier of the safety data sheet

Name: **DRUCKFARBEN HELLAS SA**  
Full address: **MEGARIDOS AVENUE**  
District and Country: **19300 ASPROPYRGOS (ATTIKI)**  
**GREECE**  
Tel.: **+30 210 5519500**  
Fax: **+30 210 5519501**  
e-mail address of the competent person responsible for the Safety Data Sheet: **psafety@druckfarben.gr**

#### 1.4. Emergency telephone number

For urgent inquiries refer to: **0030-210-7793777**

### SECTION 2. Hazards identification

#### 2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

Hazard classification and indication: --

#### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

**EUH210** Safety data sheet available on request.  
**EUH208** Contains: Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
1,2-Benzisothiazol-3(2H)-one (ECHA)  
1,2-Benzisothiazol-3(2H)-one (BW20)  
May produce an allergic reaction.

Precautionary statements:

**P501** Dispose of contents / container to an approved waste disposal plant or recycled in accordance with local / national / international regulations.  
**P102** Keep out of reach of children.  
**P101** If medical advice is needed, have product container or label at hand.  
**P312** Call a POISON CENTRE / doctor, if you feel unwell.



### SECTION 2. Hazards identification ... / >>

#### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

### SECTION 3. Composition/information on ingredients

#### 3.2. Mixtures

Contains:

| Identification   | x = Conc. %           | Classification (EC) 1272/2008 (CLP)   |
|--|-----------------------|---|
| <b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>  |                       |   |
| INDEX  | 649-327-00-6          | $1 \leq x < 5$  |
| EC   | 919-857-5             | <b>Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066, Classification note according to Annex VI to the CLP Regulation: P</b>  |
| CAS  | 64742-48-9            |   |
| REACH Reg.   | 01-2119463258-33-xxxx |   |
| INDEX  | 613-088-00-6          |   |
| EC   | 220-120-9             | <b>Acute Tox. 2 H330, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1</b>   |
| CAS  | 2634-33-5             |   |
| REACH Reg.   | 01-2120761540-60      |   |
| INDEX  | 613-088-00-6          |   |
| EC   | 220-120-9             | <b>Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1</b>  |
| CAS  | 2634-33-5             |   |
| REACH Reg.   | 01-2120761540-60      |   |
| INDEX  | 613-088-00-6          |   |
| <b>Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b> |                       |   |
| INDEX  | 613-167-00-5          | $0 \leq x < 0,0015$   |
| EC   | 611-341-5             | <b>Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071</b>  |
| CAS  | 55965-84-9            |   |
| REACH Reg.   | 01-2120764691-48      |   |
| INDEX  | 613-167-00-5          |   |
| EC   | 611-341-5             | <b>Skin Corr. 1C H314: <math>\geq</math> 0,6%, Skin Irrit. 2 H315: <math>\geq</math> 0,06%, Skin Sens. 1 H317: <math>\geq</math> 0,0015%, Eye Dam. 1 H318: <math>\geq</math> 0,6%, Eye Irrit. 2 H319: <math>\geq</math> 0,06%</b> |
| CAS  | 55965-84-9            |   |
| REACH Reg.   | 01-2120764691-48      |   |
| INDEX  | 613-167-00-5          |   |
| EC   | 611-341-5             | <b>STA Oral: 100 mg/kg, STA Dermal: 50,001 mg/kg, STA Inhalation vapours: 0,501 mg/l</b>  |
| CAS  | 55965-84-9            |   |
| REACH Reg.   | 01-2120764691-48      |   |
| INDEX  | 613-167-00-5          |   |

The full wording of hazard (H) phrases is given in section 16 of the sheet.

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

**INGESTION:** Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

**INHALATION:** Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

#### 4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Information not available



# DRUCKFARBEN HELLAS SA

## KRAFT MASTER BASICS 30-Red

Revision nr.5  
Dated 18/04/2023  
Printed on 18/04/2023  
Page n. 3 / 11  
Replaced revision:4 (Dated 28/03/2022)

EN

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

#### SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

#### UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

### 5.2. Special hazards arising from the substance or mixture

#### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

### 5.3. Advice for firefighters

#### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## SECTION 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3. Specific end use(s)

Information not available

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Regulatory References:

|     |             |  |
|-----|-------------|--|
| DEU | Deutschland | Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56  |
| GRC | Ελλάδα      | Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ "σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιογόνους παράγοντες κατά την εργασία"» |

**Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)**

#### Threshold Limit Value

| Type | Country | TWA/8h            |     | STEL/15min        |     | Remarks / Observations |
|------|---------|-------------------|-----|-------------------|-----|------------------------|
|      |         | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |                        |
| AGW  | DEU     | 0,05              |     |                   |     | SKIN                   |

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Threshold Limit Value

| Type | Country | TWA/8h            |     | STEL/15min        |     | Remarks / Observations |
|------|---------|-------------------|-----|-------------------|-----|------------------------|
|      |         | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |                        |
| TLV  | GRC     | 1200              |     |                   |     |                        |

#### Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers |                | Effects on workers |                       |             |                        |               |                  |
|-------------------|----------------------|----------------|--------------------|-----------------------|-------------|------------------------|---------------|------------------|
|                   | Acute local          | Acute systemic | Chronic local      | Chronic systemic      | Acute local | Acute systemic         | Chronic local | Chronic systemic |
| Oral              |                      |                | VND                | 300 mg/kg/d           |             |                        |               |                  |
| Inhalation        |                      |                | VND                | 900 mg/m <sup>3</sup> | VND         | 1500 mg/m <sup>3</sup> |               |                  |
| Skin              |                      |                | VND                | 300 mg/kg/d           |             |                        | VND           | 300 mg/kg/d      |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

#### HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an

### SECTION 8. Exposure controls/personal protection ... / >>

emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

### SECTION 9. Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

| Properties                             | Value                       | Information  |
|--|-----------------------------|--|
| Appearance                             | liquid                      |  |
| Colour                                 | as showed in color folder   |  |
| Odour                                  | mild                        |  |
| Melting point / freezing point         | not available               |  |
| Initial boiling point                  | not available               |  |
| Flammability                           | not available               |  |
| Lower explosive limit                  | not available               |  |
| Upper explosive limit                  | not available               |  |
| Flash point                            | > 60 °C                     |  |
| Auto-ignition temperature              | not available               |  |
| Decomposition temperature              | not available               |  |
| pH                                     | 8,5-9,7                     | Concentration: 100 %<br>Temperature: 25 °C                                       |
| Kinematic viscosity                    | 800-2350 mm <sup>2</sup> /s | Method:Converting Formula from Dynamic Viscosity & Density<br>Temperature: 25 °C |
| Dynamic viscosity                      | 90-120 KU                   | Method:ASTM D 562-05<br>Temperature: 25 °C                                       |
| Solubility                             | not available               |  |
| Partition coefficient: n-octanol/water | not available               |  |
| Vapour pressure                        | not available               |  |
| Density and/or relative density        | 1,25-1,42 kg/l              | Method:ISO 2811<br>Temperature: 25 °C  |
| Relative vapour density                | not available               |  |
| Particle characteristics               | not applicable              |  |

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

Information not available

##### 9.2.2. Other safety characteristics

Total solids (250°C / 482°F) 56,40 %

### SECTION 10. Stability and reactivity

#### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

#### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

#### 10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

### SECTION 10. Stability and reactivity ... / >>

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Avoid exposure to: heat.

Keep away from: oxidising agents.

#### 10.5. Incompatible materials

Information not available

#### 10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

### SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

##### Information on likely routes of exposure

Information not available

##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

##### Interactive effects

Information not available

##### ACUTE TOXICITY

ATE (Inhalation) of the mixture: Not classified (no significant component)

ATE (Oral) of the mixture: Not classified (no significant component)

ATE (Dermal) of the mixture: Not classified (no significant component)

##### 1,2-Benzisothiazol-3(2H)-one (ECHA)

LD50 (Dermal): > 2000 mg/kg Rat  
 LD50 (Oral): 1150 mg/kg Mouse

##### 1,2-Benzisothiazol-3(2H)-one (BW20)

LD50 (Dermal): > 2000 mg/kg Rat  
 LD50 (Oral): 1150 mg/kg Mouse

##### Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LD50 (Dermal): 1000 mg/kg Rat  
 STA (Dermal): 50,001 mg/kg estimate from table 3.1.2 of Annex I of the CLP  
 (figure used for calculation of the acute toxicity estimate of the mixture)

LD50 (Oral): 550 mg/kg Rat  
 LC50 (Inhalation vapours): 0,31 mg/l Rat

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

LD50 (Dermal): > 5000 mg/kg Rabbit  
 LD50 (Oral): > 5000 mg/kg Rat  
 LC50 (Inhalation vapours): > 20 mg/l/4h Rat

##### SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

##### SERIOUS EYE DAMAGE / IRRITATION



### SECTION 11. Toxicological information ... / >>

Does not meet the classification criteria for this hazard class

#### RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

1,2-Benzisothiazol-3(2H)-one (ECHA)

1,2-Benzisothiazol-3(2H)-one (BW20)

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

#### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

#### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

#### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

#### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class Viscosity: 800-2350 mm<sup>2</sup>/s

#### 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

### SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

#### 12.1. Toxicity

1,2-Benzisothiazol-3(2H)-one (ECHA)

LC50 - for Fish

0,8 mg/l/96h *Oncorhynchus mykiss* (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h *Daphnia magna* (Νερόψυλλος ο μέγας)

1,2-Benzisothiazol-3(2H)-one (BW20)

LC50 - for Fish

0,8 mg/l/96h *Oncorhynchus mykiss* (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h *Daphnia magna* (Νερόψυλλος ο μέγας)

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LC50 - for Fish

0,58 mg/l/96h

EC50 - for Algae / Aquatic Plants

0,161 mg/l/72h

Chronic NOEC for Algae / Aquatic Plants

0,032 mg/l 96h

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

LC50 - for Fish

> 100 mg/l/96h Fish / Aquatic Invertebrates / Algae / Microorganisms

EC50 - for Crustacea

> 100 mg/l/48h

EC50 - for Algae / Aquatic Plants

> 100 mg/l/72h

Chronic NOEC for Fish

> 0,1 mg/l

Chronic NOEC for Crustacea

> 0,1 mg/l

#### 12.2. Persistence and degradability



### SECTION 12. Ecological information ... / >>

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
NOT rapidly degradable 30 %, Exposure time: 28 d, OECD Test Guideline 301B

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Rapidly degradable

#### 12.3. Bioaccumulative potential

Information not available

#### 12.4. Mobility in soil

Information not available

#### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

#### 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

#### 12.7. Other adverse effects

Information not available

### SECTION 13. Disposal considerations

#### 13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.  
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.  
CONTAMINATED PACKAGING  
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

### SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

#### 14.1. UN number or ID number

not applicable

#### 14.2. UN proper shipping name

not applicable

#### 14.3. Transport hazard class(es)

not applicable

#### 14.4. Packing group

not applicable

#### 14.5. Environmental hazards

not applicable

### SECTION 14. Transport information ... / >>

#### 14.6. Special precautions for user

not applicable

#### 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

### SECTION 15. Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product

Point 40

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

#### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

### SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

|                          |  |
|--------------------------|--|
| <b>Flam. Liq. 3</b>      | Flammable liquid, category 3                                       |
| <b>Acute Tox. 2</b>      | Acute toxicity, category 2   |
| <b>Acute Tox. 3</b>      | Acute toxicity, category 3   |
| <b>Acute Tox. 4</b>      | Acute toxicity, category 4   |
| <b>Asp. Tox. 1</b>       | Aspiration hazard, category 1                                      |
| <b>Skin Corr. 1C</b>     | Skin corrosion, category 1C  |
| <b>Eye Dam. 1</b>        | Serious eye damage, category 1                                     |
| <b>Skin Irrit. 2</b>     | Skin irritation, category 2  |
| <b>Skin Sens. 1</b>      | Skin sensitization, category 1                                     |
| <b>STOT SE 3</b>         | Specific target organ toxicity - single exposure, category 3       |
| <b>Aquatic Acute 1</b>   | Hazardous to the aquatic environment, acute toxicity, category 1   |
| <b>Aquatic Chronic 1</b> | Hazardous to the aquatic environment, chronic toxicity, category 1 |
| <b>H226</b>              | Flammable liquid and vapour.                                       |
| <b>H310</b>              | Fatal in contact with skin.  |
| <b>H330</b>              | Fatal if inhaled.  |
| <b>H301</b>              | Toxic if swallowed.  |



### SECTION 16. Other information ... / >>

|               |   |
|---------------|---|
| <b>H302</b>   | Harmful if swallowed.                                 |
| <b>H304</b>   | May be fatal if swallowed and enters airways.         |
| <b>H314</b>   | Causes severe skin burns and eye damage.              |
| <b>H318</b>   | Causes serious eye damage.                            |
| <b>H315</b>   | Causes skin irritation.                               |
| <b>H317</b>   | May cause an allergic skin reaction.                  |
| <b>H336</b>   | May cause drowsiness or dizziness.                    |
| <b>H400</b>   | Very toxic to aquatic life.                           |
| <b>H410</b>   | Very toxic to aquatic life with long lasting effects. |
| <b>EUH066</b> | Repeated exposure may cause skin dryness or cracking. |
| <b>EUH071</b> | Corrosive to the respiratory tract.                   |
| <b>EUH210</b> | Safety data sheet available on request.               |

#### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

#### GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)



### SECTION 16. Other information ... / >>

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

#### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

#### Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 09 / 10 / 11 / 12 / 15 / 16.

## Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: **CK281040042**  
Product name: **KRAFT MASTER BASICS 42-Ochre**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: **High Quality Basic Color**

#### 1.3. Details of the supplier of the safety data sheet

Name: **DRUCKFARBEN HELLAS SA**  
Full address: **MEGARIDOS AVENUE**  
District and Country: **19300 ASPROPYRGOS (ATTIKI)**  
**GREECE**  
Tel.: **+30 210 5519500**  
Fax: **+30 210 5519501**  
e-mail address of the competent person responsible for the Safety Data Sheet: **psafety@druckfarben.gr**

#### 1.4. Emergency telephone number

For urgent inquiries refer to: **0030-210-7793777**

### SECTION 2. Hazards identification

#### 2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

Hazard classification and indication: --

#### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

**EUH210** Safety data sheet available on request.  
**EUH208** Contains: Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
1,2-Benzisothiazol-3(2H)-one (ECHA)  
1,2-Benzisothiazol-3(2H)-one (BW20)  
May produce an allergic reaction.

Precautionary statements:

**P501** Dispose of contents / container to an approved waste disposal plant or recycled in accordance with local / national / international regulations.  
**P102** Keep out of reach of children.  
**P101** If medical advice is needed, have product container or label at hand.  
**P312** Call a POISON CENTRE / doctor, if you feel unwell.

### SECTION 2. Hazards identification ... / >>

#### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

### SECTION 3. Composition/information on ingredients

#### 3.2. Mixtures

Contains:

| Identification  | x = Conc. %           | Classification (EC) 1272/2008 (CLP)   |                     |
|---|-----------------------|---|---------------------|
| <b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b> |                       |   |                     |
| INDEX   | 649-327-00-6          | $1 \leq x < 5$  |                     |
| EC  | 919-857-5             | <b>Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066, Classification note according to Annex VI to the CLP Regulation: P</b>  |                     |
| CAS   | 64742-48-9            |   |                     |
| REACH Reg.  | 01-2119463258-33-xxxx |   |                     |
| EC  | 236-675-5             |   |                     |
| CAS   | 13463-67-7            | <b>Acute Tox. 2 H330, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1</b>   |                     |
| REACH Reg.  | 01-2119489379-17-0000 |   |                     |
| INDEX   | 613-088-00-6          |   | $0 \leq x < 0,05$   |
| EC  | 220-120-9             |   |                     |
| CAS   | 2634-33-5             | <b>LD50 Oral: 1150 mg/kg, STA Inhalation mists/powders: 0,051 mg/l</b>  |                     |
| REACH Reg.  | 01-2120761540-60      |   |                     |
| INDEX   | 613-088-00-6          |   | $0 \leq x < 0,05$   |
| EC  | 220-120-9             |   |                     |
| CAS   | 2634-33-5             | <b>Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1</b>  |                     |
| REACH Reg.  | 01-2120761540-60      |   |                     |
| INDEX   | 613-167-00-5          |   | $0 \leq x < 0,0015$ |
| EC  | 611-341-5             |   |                     |
| CAS   | 55965-84-9            | <b>Skin Corr. 1C H314: <math>\geq</math> 0,6%, Skin Irrit. 2 H315: <math>\geq</math> 0,06%, Skin Sens. 1 H317: <math>\geq</math> 0,0015%, Eye Dam. 1 H318: <math>\geq</math> 0,6%, Eye Irrit. 2 H319: <math>\geq</math> 0,06%</b> |                     |
| REACH Reg.  | 01-2120764691-48      |   |                     |
| INDEX   | 613-167-00-5          |   | $0 \leq x < 0,0015$ |
| EC  | 611-341-5             |   |                     |
| CAS   | 55965-84-9            | <b>STA Oral: 100 mg/kg, STA Dermal: 50,001 mg/kg, STA Inhalation vapours: 0,501 mg/l</b>  |                     |
| REACH Reg.  | 01-2120764691-48      |   |                     |
| INDEX   | 613-167-00-5          |   | $0 \leq x < 0,0015$ |
| EC  | 611-341-5             |   |                     |

The full wording of hazard (H) phrases is given in section 16 of the sheet.

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

**INGESTION:** Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

**INHALATION:** Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

#### 4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

#### 4.3. Indication of any immediate medical attention and special treatment needed



Information not available

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

#### SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

#### UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

### 5.2. Special hazards arising from the substance or mixture

#### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

### 5.3. Advice for firefighters

#### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## SECTION 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3. Specific end use(s)

Information not available

### SECTION 8. Exposure controls/personal protection

#### 8.1. Control parameters

Regulatory References:

|     |                             |  |
|-----|-----------------------------|--|
| BGR | България                    | НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г. ЗА ЗАЩИТА НА РАБОТЕЩИТЕ ОТ РИСКОВЕ, СВЪРЗАНИ С ЕКСПОЗИЦИЯ НА ХИМИЧНИ АГЕНТИ ПРИ РАБОТА (изм. ДВ. бр.5 от 17 Януари 2020г.)   |
| DEU | Deutschland                 | Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56  |
| GRC | Ελλάδα                      | Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ "σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιογόνους παράγοντες κατά την εργασία"» |
| ROU | România                     | Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru modificarea și completarea hotărârii guvernului nr. 1.093/2006  |
| GBR | United Kingdom<br>TLV-ACGIH | EH40/2005 Workplace exposure limits (Fourth Edition 2020)<br>ACGIH 2022  |

**Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)**

#### Threshold Limit Value

| Type | Country | TWA/8h |     | STEL/15min |     | Remarks / Observations |
|------|---------|--------|-----|------------|-----|------------------------|
|      |         | mg/m3  | ppm | mg/m3      | ppm |                        |
| AGW  | DEU     | 0,05   |     |            |     | SKIN                   |

#### TITANIUM DIOXIDE

#### Threshold Limit Value

| Type      | Country | TWA/8h |     | STEL/15min |     | Remarks / Observations |
|-----------|---------|--------|-----|------------|-----|------------------------|
|           |         | mg/m3  | ppm | mg/m3      | ppm |                        |
| TLV       | BGR     | 10     |     |            |     | RESP                   |
| TLV       | GRC     |        | 10  |            |     |                        |
| TLV       | ROU     | 10     |     | 15         |     |                        |
| WEL       | GBR     | 10     |     |            |     | INHAL                  |
| WEL       | GBR     | 4      |     |            |     | RESP                   |
| TLV-ACGIH |         | 2,5    |     |            |     | RESP                   |

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Threshold Limit Value

| Type | Country | TWA/8h |     | STEL/15min |     | Remarks / Observations |
|------|---------|--------|-----|------------|-----|------------------------|
|      |         | mg/m3  | ppm | mg/m3      | ppm |                        |
| TLV  | GRC     | 1200   |     |            |     |                        |

#### Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers |                |               |                  | Effects on workers |                |               |                  |
|-------------------|----------------------|----------------|---------------|------------------|--------------------|----------------|---------------|------------------|
|                   | Acute local          | Acute systemic | Chronic local | Chronic systemic | Acute local        | Acute systemic | Chronic local | Chronic systemic |
| Oral              |                      |                | VND           | 300 mg/kg/d      |                    |                |               |                  |
| Inhalation        |                      |                | VND           | 900 mg/m3        | VND                | 1500 mg/m3     |               |                  |
| Skin              |                      |                | VND           | 300 mg/kg/d      |                    |                | VND           | 300 mg/kg/d      |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

#### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is

### SECTION 8. Exposure controls/personal protection ... / >>

well aired through effective local aspiration.

#### HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

### SECTION 9. Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

| Properties                             | Value                       | Information  |
|--|-----------------------------|--|
| Appearance                             | liquid                      |  |
| Colour                                 | as showed in color folder   |  |
| Odour                                  | mild                        |  |
| Melting point / freezing point         | not available               |  |
| Initial boiling point                  | not available               |  |
| Flammability                           | not available               |  |
| Lower explosive limit                  | not available               |  |
| Upper explosive limit                  | not available               |  |
| Flash point                            | > 60 °C                     |  |
| Auto-ignition temperature              | not available               |  |
| Decomposition temperature              | not available               |  |
| pH                                     | 8,5-9,7                     | Concentration: 100 %<br>Temperature: 25 °C                                       |
| Kinematic viscosity                    | 800-2350 mm <sup>2</sup> /s | Method:Converting Formula from Dynamic Viscosity & Density<br>Temperature: 25 °C |
| Dynamic viscosity                      | 90-120 KU                   | Method:ASTM D 562-05<br>Temperature: 25 °C                                       |
| Solubility                             | not available               |  |
| Partition coefficient: n-octanol/water | not available               |  |
| Vapour pressure                        | not available               |  |
| Density and/or relative density        | 1,25-1,42 kg/l              | Method:ISO 2811<br>Temperature: 25 °C  |
| Relative vapour density                | not available               |  |
| Particle characteristics               | not applicable              |  |

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

Information not available

##### 9.2.2. Other safety characteristics

Total solids (250°C / 482°F) 50,46 %



### SECTION 10. Stability and reactivity

#### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

#### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

#### 10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Avoid exposure to: heat.

Keep away from: oxidising agents.

#### 10.5. Incompatible materials

Information not available

#### 10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

### SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

##### Information on likely routes of exposure

Information not available

##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

##### Interactive effects

Information not available

##### ACUTE TOXICITY

ATE (Inhalation) of the mixture: Not classified (no significant component)

ATE (Oral) of the mixture: Not classified (no significant component)

ATE (Dermal) of the mixture: Not classified (no significant component)

1,2-Benzisothiazol-3(2H)-one (ECHA)

LD50 (Dermal): > 2000 mg/kg Rat

LD50 (Oral): 1150 mg/kg Mouse



### SECTION 11. Toxicological information ... / >>

1,2-Benzisothiazol-3(2H)-one (BW20)  
LD50 (Dermal): > 2000 mg/kg Rat  
LD50 (Oral): 1150 mg/kg Mouse

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LD50 (Dermal): 1000 mg/kg Rat  
STA (Dermal): 50,001 mg/kg estimate from table 3.1.2 of Annex I of the CLP  
(figure used for calculation of the acute toxicity estimate of the mixture)  
LD50 (Oral): 550 mg/kg Rat  
LC50 (Inhalation vapours): 0,31 mg/l Rat

TITANIUM DIOXIDE  
LD50 (Oral): > 10000 mg/kg Rat

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
LD50 (Dermal): > 5000 mg/kg Rabbit  
LD50 (Oral): > 5000 mg/kg Rat  
LC50 (Inhalation vapours): > 20 mg/l/4h Rat

#### SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

#### SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

#### RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

1,2-Benzisothiazol-3(2H)-one (ECHA)

1,2-Benzisothiazol-3(2H)-one (BW20)

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

#### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

#### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

#### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

#### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class Viscosity: 800-2350 mm<sup>2</sup>/s

### 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

### SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

**SECTION 12. Ecological information ... / >>****12.1. Toxicity**

1,2-Benzisothiazol-3(2H)-one (ECHA)

LC50 - for Fish

0,8 mg/l/96h Oncorhynchus mykiss (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h Daphnia magna (Νερόψυλλος ο μέγας)

1,2-Benzisothiazol-3(2H)-one (BW20)

LC50 - for Fish

0,8 mg/l/96h Oncorhynchus mykiss (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h Daphnia magna (Νερόψυλλος ο μέγας)

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LC50 - for Fish

0,58 mg/l/96h

EC50 - for Algae / Aquatic Plants

0,161 mg/l/72h

Chronic NOEC for Algae / Aquatic Plants

0,032 mg/l 96h

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics

LC50 - for Fish

&gt; 100 mg/l/96h Fish / Aquatic Invertebrates / Algae / Microorganisms

EC50 - for Crustacea

&gt; 100 mg/l/48h

EC50 - for Algae / Aquatic Plants

&gt; 100 mg/l/72h

Chronic NOEC for Fish

&gt; 0,1 mg/l

Chronic NOEC for Crustacea

&gt; 0,1 mg/l

**12.2. Persistence and degradability**

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

NOT rapidly degradable

30 %, Exposure time: 28 d, OECD Test Guideline 301B

TITANIUM DIOXIDE

Solubility in water

&lt; 0,001 mg/l

Degradability: information not available

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics

Rapidly degradable

**12.3. Bioaccumulative potential**

Information not available

**12.4. Mobility in soil**

Information not available

**12.5. Results of PBT and vPvB assessment**On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.**12.6. Endocrine disrupting properties**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

**12.7. Other adverse effects**

Information not available

**SECTION 13. Disposal considerations****13.1. Waste treatment methods**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.



### SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

#### 14.1. UN number or ID number

not applicable

#### 14.2. UN proper shipping name

not applicable

#### 14.3. Transport hazard class(es)

not applicable

#### 14.4. Packing group

not applicable

#### 14.5. Environmental hazards

not applicable

#### 14.6. Special precautions for user

not applicable

#### 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

### SECTION 15. Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

|                            |    |
|----------------------------|----|
| <u>Product</u>             |    |
| Point                      | 40 |
| <u>Contained substance</u> |    |
| Point                      | 75 |

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors  
not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

### SECTION 15. Regulatory information ... / >>

Healthcare controls  
 Information not available

#### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

### SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

|                          |  |
|--------------------------|--|
| <b>Flam. Liq. 3</b>      | Flammable liquid, category 3                                       |
| <b>Acute Tox. 2</b>      | Acute toxicity, category 2   |
| <b>Acute Tox. 3</b>      | Acute toxicity, category 3   |
| <b>Acute Tox. 4</b>      | Acute toxicity, category 4   |
| <b>Asp. Tox. 1</b>       | Aspiration hazard, category 1                                      |
| <b>Skin Corr. 1C</b>     | Skin corrosion, category 1C  |
| <b>Eye Dam. 1</b>        | Serious eye damage, category 1                                     |
| <b>Skin Irrit. 2</b>     | Skin irritation, category 2  |
| <b>Skin Sens. 1</b>      | Skin sensitization, category 1                                     |
| <b>STOT SE 3</b>         | Specific target organ toxicity - single exposure, category 3       |
| <b>Aquatic Acute 1</b>   | Hazardous to the aquatic environment, acute toxicity, category 1   |
| <b>Aquatic Chronic 1</b> | Hazardous to the aquatic environment, chronic toxicity, category 1 |
| <b>H226</b>              | Flammable liquid and vapour.                                       |
| <b>H310</b>              | Fatal in contact with skin.  |
| <b>H330</b>              | Fatal if inhaled.  |
| <b>H301</b>              | Toxic if swallowed.  |
| <b>H302</b>              | Harmful if swallowed.  |
| <b>H304</b>              | May be fatal if swallowed and enters airways.                      |
| <b>H314</b>              | Causes severe skin burns and eye damage.                           |
| <b>H318</b>              | Causes serious eye damage.   |
| <b>H315</b>              | Causes skin irritation.  |
| <b>H317</b>              | May cause an allergic skin reaction.                               |
| <b>H336</b>              | May cause drowsiness or dizziness.                                 |
| <b>H400</b>              | Very toxic to aquatic life.  |
| <b>H410</b>              | Very toxic to aquatic life with long lasting effects.              |
| <b>EUH066</b>            | Repeated exposure may cause skin dryness or cracking.              |
| <b>EUH071</b>            | Corrosive to the respiratory tract.                                |
| <b>EUH210</b>            | Safety data sheet available on request.                            |

#### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value

### SECTION 16. Other information ... / >>

- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

#### GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

#### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

#### Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 09 / 10 / 11 / 12 / 15 / 16.

**DRUCKFARBEN HELLAS SA****KRAFT MASTER BASICS 50-Blue**Revision nr.5  
Dated 18/04/2023  
Printed on 18/04/2023  
Page n. 1 / 11  
Replaced revision:4 (Dated 29/03/2022)

EN

## Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: **CK281040050**  
Product name: **KRAFT MASTER BASICS 50-Blue**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: **High Quality Basic Color**

#### 1.3. Details of the supplier of the safety data sheet

Name: **DRUCKFARBEN HELLAS SA**  
Full address: **MEGARIDOS AVENUE**  
District and Country: **19300 ASPROPYRGOS (ATTIKI)**  
**GREECE**  
Tel.: **+30 210 5519500**  
Fax: **+30 210 5519501**  
e-mail address of the competent person responsible for the Safety Data Sheet: **psafety@druckfarben.gr**

#### 1.4. Emergency telephone number

For urgent inquiries refer to: **0030-210-7793777**

### SECTION 2. Hazards identification

#### 2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

Hazard classification and indication: --

#### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

**EUH210** Safety data sheet available on request.  
**EUH208** Contains: Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
1,2-Benzisothiazol-3(2H)-one (ECHA)  
1,2-Benzisothiazol-3(2H)-one (BW20)  
May produce an allergic reaction.

Precautionary statements:

**P501** Dispose of contents / container to an approved waste disposal plant or recycled in accordance with local / national / international regulations.  
**P102** Keep out of reach of children.  
**P101** If medical advice is needed, have product container or label at hand.  
**P312** Call a POISON CENTRE / doctor, if you feel unwell.

### SECTION 2. Hazards identification ... / >>

#### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

### SECTION 3. Composition/information on ingredients

#### 3.2. Mixtures

Contains:

| Identification   | x = Conc. %           | Classification (EC) 1272/2008 (CLP)   |
|--|-----------------------|---|
| <b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>  |                       |   |
| INDEX  | 649-327-00-6          | $1 \leq x < 5$  |
| EC   | 919-857-5             | Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066, Classification note according to Annex VI to the CLP Regulation: P   |
| CAS  | 64742-48-9            |   |
| REACH Reg.   | 01-2119463258-33-xxxx |   |
| <b>1,2-Benzisothiazol-3(2H)-one (BW20)</b>   |                       |   |
| INDEX  | 613-088-00-6          | $0 \leq x < 0,05$   |
| EC   | 220-120-9             | Acute Tox. 2 H330, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1<br>Skin Sens. 1 H317: $\geq$ 0,05%<br>LD50 Oral: 1150 mg/kg, STA Inhalation mists/powders: 0,051 mg/l  |
| CAS  | 2634-33-5             |   |
| REACH Reg.   | 01-2120761540-60      |   |
| <b>1,2-Benzisothiazol-3(2H)-one (ECHA)</b>   |                       |   |
| INDEX  | 613-088-00-6          | $0 \leq x < 0,05$   |
| EC   | 220-120-9             | Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1<br>Skin Sens. 1 H317: $\geq$ 0,05%<br>LD50 Oral: 1150 mg/kg   |
| CAS  | 2634-33-5             |   |
| REACH Reg.   | 01-2120761540-60      |   |
| <b>Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b> |                       |   |
| INDEX  | 613-167-00-5          | $0 \leq x < 0,0015$   |
| EC   | 611-341-5             | Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071<br>Skin Corr. 1C H314: $\geq$ 0,6%, Skin Irrit. 2 H315: $\geq$ 0,06%, Skin Sens. 1 H317: $\geq$ 0,0015%, Eye Dam. 1 H318: $\geq$ 0,6%, Eye Irrit. 2 H319: $\geq$ 0,06%<br>STA Oral: 100 mg/kg, STA Dermal: 50,001 mg/kg, STA Inhalation vapours: 0,501 mg/l |
| CAS  | 55965-84-9            |   |
| REACH Reg.   | 01-2120764691-48      |   |

The full wording of hazard (H) phrases is given in section 16 of the sheet.

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

**INGESTION:** Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

**INHALATION:** Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

#### 4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Information not available



# DRUCKFARBEN HELLAS SA

## KRAFT MASTER BASICS 50-Blue

Revision nr.5  
Dated 18/04/2023  
Printed on 18/04/2023  
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Replaced revision:4 (Dated 29/03/2022)

EN

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

#### SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

#### UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

### 5.2. Special hazards arising from the substance or mixture

#### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

### 5.3. Advice for firefighters

#### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## SECTION 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3. Specific end use(s)

Information not available



## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Regulatory References:

|     |             |  |
|-----|-------------|--|
| DEU | Deutschland | Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56  |
| GRC | Ελλάδα      | Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ "σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιογόνους παράγοντες κατά την εργασία"» |

**Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)**

#### Threshold Limit Value

| Type | Country | TWA/8h            |     | STEL/15min        |     | Remarks / Observations |
|------|---------|-------------------|-----|-------------------|-----|------------------------|
|      |         | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |                        |
| AGW  | DEU     | 0,05              |     |                   |     | SKIN                   |

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Threshold Limit Value

| Type | Country | TWA/8h            |     | STEL/15min        |     | Remarks / Observations |
|------|---------|-------------------|-----|-------------------|-----|------------------------|
|      |         | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |                        |
| TLV  | GRC     | 1200              |     |                   |     |                        |

#### Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers |                | Effects on workers |                       |             |                        |               |                  |
|-------------------|----------------------|----------------|--------------------|-----------------------|-------------|------------------------|---------------|------------------|
|                   | Acute local          | Acute systemic | Chronic local      | Chronic systemic      | Acute local | Acute systemic         | Chronic local | Chronic systemic |
| Oral              |                      |                | VND                | 300 mg/kg/d           |             |                        |               |                  |
| Inhalation        |                      |                | VND                | 900 mg/m <sup>3</sup> | VND         | 1500 mg/m <sup>3</sup> |               |                  |
| Skin              |                      |                | VND                | 300 mg/kg/d           |             |                        | VND           | 300 mg/kg/d      |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

#### HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an

### SECTION 8. Exposure controls/personal protection ... / >>

emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

### SECTION 9. Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

| Properties                             | Value                     | Information  |
|--|---------------------------|--|
| Appearance                             | liquid                    |  |
| Colour                                 | as showed in color folder |  |
| Odour                                  | mild                      |  |
| Melting point / freezing point         | not available             |  |
| Initial boiling point                  | not available             |  |
| Flammability                           | not available             |  |
| Lower explosive limit                  | not available             |  |
| Upper explosive limit                  | not available             |  |
| Flash point                            | > 60 °C                   |  |
| Auto-ignition temperature              | not available             |  |
| Decomposition temperature              | not available             |  |
| pH                                     | 8,5-9,7                   | Concentration: 100 %<br>Temperature: 25 °C                                       |
| Kinematic viscosity                    | 800-2350 mm2/s            | Method:Converting Formula from Dynamic Viscosity & Density<br>Temperature: 25 °C |
| Dynamic viscosity                      | 90-120 KU                 | Method:ASTM D 562-05<br>Temperature: 25 °C                                       |
| Solubility                             | not available             |  |
| Partition coefficient: n-octanol/water | not available             |  |
| Vapour pressure                        | not available             |  |
| Density and/or relative density        | 1,25-1,42 kg/l            | Method:ISO 2811<br>Temperature: 25 °C  |
| Relative vapour density                | not available             |  |
| Particle characteristics               | not applicable            |  |

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

Information not available

##### 9.2.2. Other safety characteristics

Total solids (250°C / 482°F) 54,97 %

### SECTION 10. Stability and reactivity

#### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

#### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

#### 10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

### SECTION 10. Stability and reactivity ... / >>

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Avoid exposure to: heat.

Keep away from: oxidising agents.

#### 10.5. Incompatible materials

Information not available

#### 10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

### SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

##### Information on likely routes of exposure

Information not available

##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

##### Interactive effects

Information not available

##### ACUTE TOXICITY

ATE (Inhalation) of the mixture: Not classified (no significant component)

ATE (Oral) of the mixture: Not classified (no significant component)

ATE (Dermal) of the mixture: Not classified (no significant component)

##### 1,2-Benzisothiazol-3(2H)-one (ECHA)

LD50 (Dermal): > 2000 mg/kg Rat  
 LD50 (Oral): 1150 mg/kg Mouse

##### 1,2-Benzisothiazol-3(2H)-one (BW20)

LD50 (Dermal): > 2000 mg/kg Rat  
 LD50 (Oral): 1150 mg/kg Mouse

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LD50 (Dermal): 1000 mg/kg Rat  
 STA (Dermal): 50,001 mg/kg estimate from table 3.1.2 of Annex I of the CLP  
 (figure used for calculation of the acute toxicity estimate of the mixture)

LD50 (Oral): 550 mg/kg Rat  
 LC50 (Inhalation vapours): 0,31 mg/l Rat

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

LD50 (Dermal): > 5000 mg/kg Rabbit  
 LD50 (Oral): > 5000 mg/kg Rat  
 LC50 (Inhalation vapours): > 20 mg/l/4h Rat

##### SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

##### SERIOUS EYE DAMAGE / IRRITATION

### SECTION 11. Toxicological information ... / >>

Does not meet the classification criteria for this hazard class

#### RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

1,2-Benzisothiazol-3(2H)-one (ECHA)

1,2-Benzisothiazol-3(2H)-one (BW20)

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

#### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

#### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

#### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

#### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class Viscosity: 800-2350 mm<sup>2</sup>/s

#### 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

### SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

#### 12.1. Toxicity

1,2-Benzisothiazol-3(2H)-one (ECHA)

LC50 - for Fish

0,8 mg/l/96h *Oncorhynchus mykiss* (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h *Daphnia magna* (Νερόψυλλος ο μέγας)

1,2-Benzisothiazol-3(2H)-one (BW20)

LC50 - for Fish

0,8 mg/l/96h *Oncorhynchus mykiss* (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h *Daphnia magna* (Νερόψυλλος ο μέγας)

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LC50 - for Fish

0,58 mg/l/96h

EC50 - for Algae / Aquatic Plants

0,161 mg/l/72h

Chronic NOEC for Algae / Aquatic Plants

0,032 mg/l 96h

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

LC50 - for Fish

> 100 mg/l/96h Fish / Aquatic Invertebrates / Algae / Microorganisms

EC50 - for Crustacea

> 100 mg/l/48h

EC50 - for Algae / Aquatic Plants

> 100 mg/l/72h

Chronic NOEC for Fish

> 0,1 mg/l

Chronic NOEC for Crustacea

> 0,1 mg/l

#### 12.2. Persistence and degradability



### SECTION 12. Ecological information ... / >>

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
NOT rapidly degradable 30 %, Exposure time: 28 d, OECD Test Guideline 301B

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Rapidly degradable

#### 12.3. Bioaccumulative potential

Information not available

#### 12.4. Mobility in soil

Information not available

#### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

#### 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

#### 12.7. Other adverse effects

Information not available

### SECTION 13. Disposal considerations

#### 13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.  
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.  
CONTAMINATED PACKAGING  
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

### SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

#### 14.1. UN number or ID number

not applicable

#### 14.2. UN proper shipping name

not applicable

#### 14.3. Transport hazard class(es)

not applicable

#### 14.4. Packing group

not applicable

#### 14.5. Environmental hazards

not applicable

### SECTION 14. Transport information ... / >>

#### 14.6. Special precautions for user

not applicable

#### 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

### SECTION 15. Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product

Point 40

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

#### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

### SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

|                          |  |
|--------------------------|--|
| <b>Flam. Liq. 3</b>      | Flammable liquid, category 3                                       |
| <b>Acute Tox. 2</b>      | Acute toxicity, category 2   |
| <b>Acute Tox. 3</b>      | Acute toxicity, category 3   |
| <b>Acute Tox. 4</b>      | Acute toxicity, category 4   |
| <b>Asp. Tox. 1</b>       | Aspiration hazard, category 1                                      |
| <b>Skin Corr. 1C</b>     | Skin corrosion, category 1C  |
| <b>Eye Dam. 1</b>        | Serious eye damage, category 1                                     |
| <b>Skin Irrit. 2</b>     | Skin irritation, category 2  |
| <b>Skin Sens. 1</b>      | Skin sensitization, category 1                                     |
| <b>STOT SE 3</b>         | Specific target organ toxicity - single exposure, category 3       |
| <b>Aquatic Acute 1</b>   | Hazardous to the aquatic environment, acute toxicity, category 1   |
| <b>Aquatic Chronic 1</b> | Hazardous to the aquatic environment, chronic toxicity, category 1 |
| <b>H226</b>              | Flammable liquid and vapour.                                       |
| <b>H310</b>              | Fatal in contact with skin.  |
| <b>H330</b>              | Fatal if inhaled.  |
| <b>H301</b>              | Toxic if swallowed.  |

**SECTION 16. Other information ... / >>**

|               |   |
|---------------|---|
| <b>H302</b>   | Harmful if swallowed.                                 |
| <b>H304</b>   | May be fatal if swallowed and enters airways.         |
| <b>H314</b>   | Causes severe skin burns and eye damage.              |
| <b>H318</b>   | Causes serious eye damage.                            |
| <b>H315</b>   | Causes skin irritation.                               |
| <b>H317</b>   | May cause an allergic skin reaction.                  |
| <b>H336</b>   | May cause drowsiness or dizziness.                    |
| <b>H400</b>   | Very toxic to aquatic life.                           |
| <b>H410</b>   | Very toxic to aquatic life with long lasting effects. |
| <b>EUH066</b> | Repeated exposure may cause skin dryness or cracking. |
| <b>EUH071</b> | Corrosive to the respiratory tract.                   |
| <b>EUH210</b> | Safety data sheet available on request.               |

**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

**GENERAL BIBLIOGRAPHY**

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)



### SECTION 16. Other information ... / >>

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

#### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

#### Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 09 / 10 / 11 / 12 / 15 / 16.



## Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: **CK281040060**  
Product name: **KRAFT MASTER BASICS 60-Green**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: **High Quality Basic Color**

#### 1.3. Details of the supplier of the safety data sheet

Name: **DRUCKFARBEN HELLAS SA**  
Full address: **MEGARIDOS AVENUE**  
District and Country: **19300 ASPROPYRGOS (ATTIKI)**  
**GREECE**  
Tel.: **+30 210 5519500**  
Fax: **+30 210 5519501**  
e-mail address of the competent person responsible for the Safety Data Sheet: **psafety@druckfarben.gr**

#### 1.4. Emergency telephone number

For urgent inquiries refer to: **0030-210-7793777**

### SECTION 2. Hazards identification

#### 2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

Hazard classification and indication: --

#### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

**EUH210** Safety data sheet available on request.  
**EUH208** Contains: 2-Methylisothiazol-3(2H)-one  
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and  
2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
1,2-Benzisothiazol-3(2H)-one (ECHA)  
1,2-Benzisothiazol-3(2H)-one (BW20)  
May produce an allergic reaction.

Precautionary statements:

**P501** Dispose of contents / container to an approved waste disposal plant or recycled in accordance with local / national / international regulations.  
**P102** Keep out of reach of children.  
**P101** If medical advice is needed, have product container or label at hand.  
**P312** Call a POISON CENTRE / doctor, if you feel unwell.

### SECTION 2. Hazards identification ... / >>

#### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

### SECTION 3. Composition/information on ingredients

#### 3.2. Mixtures

Contains:

| Identification   | x = Conc. %           | Classification (EC) 1272/2008 (CLP)   |
|--|-----------------------|---|
| <b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>  |                       |   |
| INDEX  | 649-327-00-6          | $1 \leq x < 5$  |
| EC   | 919-857-5             | <b>Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066, Classification note according to Annex VI to the CLP Regulation: P</b>  |
| CAS  | 64742-48-9            |   |
| REACH Reg.   | 01-2119463258-33-xxxx |   |
| INDEX  | 613-088-00-6          |   |
| EC   | 220-120-9             | <b>Acute Tox. 2 H330, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1</b>   |
| CAS  | 2634-33-5             |   |
| REACH Reg.   | 01-2120761540-60      |   |
| INDEX  | 613-088-00-6          |   |
| EC   | 220-120-9             | <b>Acute Tox. 2 H330, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1</b>   |
| CAS  | 2634-33-5             |   |
| REACH Reg.   | 01-2120761540-60      |   |
| INDEX  | 613-088-00-6          |   |
| <b>Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b> |                       |   |
| INDEX  | 613-167-00-5          | $0 \leq x < 0,0015$   |
| EC   | 611-341-5             | <b>Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071</b>                                |
| CAS  | 55965-84-9            |   |
| REACH Reg.   | 01-2120764691-48      |   |
| INDEX  | 613-167-00-5          |   |
| EC   | 220-239-6             | <b>Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Eye Dam. 1 H318, Eye Dam. 1 H318, STOT SE 3 H335, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1, EUH071</b> |
| CAS  | 2682-20-4             |   |
| REACH Reg.   | 01-2120764691-48      |   |
| INDEX  | 613-167-00-5          |   |
| EC   | 220-239-6             | <b>Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Eye Dam. 1 H318, Eye Dam. 1 H318, STOT SE 3 H335, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1, EUH071</b> |
| CAS  | 2682-20-4             |   |
| REACH Reg.   | 01-2120764691-48      |   |
| INDEX  | 613-167-00-5          |   |
| EC   | 220-239-6             | <b>Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Eye Dam. 1 H318, Eye Dam. 1 H318, STOT SE 3 H335, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1, EUH071</b> |
| CAS  | 2682-20-4             |   |
| REACH Reg.   | 01-2120764691-48      |   |
| INDEX  | 613-167-00-5          |   |

The full wording of hazard (H) phrases is given in section 16 of the sheet.

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

**INGESTION:** Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

**INHALATION:** Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

#### 4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.



### SECTION 4. First aid measures ... / >>

#### 4.3. Indication of any immediate medical attention and special treatment needed

Information not available

### SECTION 5. Firefighting measures

#### 5.1. Extinguishing media

##### SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

##### UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

#### 5.2. Special hazards arising from the substance or mixture

##### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

#### 5.3. Advice for firefighters

##### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

##### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

### SECTION 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

#### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

#### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

### SECTION 7. Handling and storage

#### 7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

#### 7.3. Specific end use(s)

Information not available

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Regulatory References:

|     |             |   |
|-----|-------------|---|
| DEU | Deutschland | Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56   |
| GRC | Ελλάδα      | Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ "σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιγόνους παράγοντες κατά την εργασία"» |

**Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)**

#### Threshold Limit Value

| Type | Country | TWA/8h            |     | STEL/15min        |     | Remarks / Observations |
|------|---------|-------------------|-----|-------------------|-----|------------------------|
|      |         | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |                        |
| AGW  | DEU     | 0,05              |     |                   |     | SKIN                   |

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Threshold Limit Value

| Type | Country | TWA/8h            |     | STEL/15min        |     | Remarks / Observations |
|------|---------|-------------------|-----|-------------------|-----|------------------------|
|      |         | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |                        |
| TLV  | GRC     | 1200              |     |                   |     |                        |

#### Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers |                | Effects on workers |                       |             |                        |               |                  |
|-------------------|----------------------|----------------|--------------------|-----------------------|-------------|------------------------|---------------|------------------|
|                   | Acute local          | Acute systemic | Chronic local      | Chronic systemic      | Acute local | Acute systemic         | Chronic local | Chronic systemic |
| Oral              |                      |                | VND                | 300 mg/kg/d           |             |                        |               |                  |
| Inhalation        |                      |                | VND                | 900 mg/m <sup>3</sup> | VND         | 1500 mg/m <sup>3</sup> |               |                  |
| Skin              |                      |                | VND                | 300 mg/kg/d           |             |                        | VND           | 300 mg/kg/d      |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

#### HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an

### SECTION 8. Exposure controls/personal protection ... / >>

emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

### SECTION 9. Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

| Properties                             | Value                       | Information  |
|--|-----------------------------|--|
| Appearance                             | liquid                      |  |
| Colour                                 | as showed in color folder   |  |
| Odour                                  | mild                        |  |
| Melting point / freezing point         | not available               |  |
| Initial boiling point                  | not available               |  |
| Flammability                           | not available               |  |
| Lower explosive limit                  | not available               |  |
| Upper explosive limit                  | not available               |  |
| Flash point                            | > 60 °C                     |  |
| Auto-ignition temperature              | not available               |  |
| Decomposition temperature              | not available               |  |
| pH                                     | 8,5-9,7                     | Concentration: 100 %<br>Temperature: 25 °C                                       |
| Kinematic viscosity                    | 800-2350 mm <sup>2</sup> /s | Method:Converting Formula from Dynamic Viscosity & Density<br>Temperature: 25 °C |
| Dynamic viscosity                      | 90-120 KU                   | Method:ASTM D 562-05<br>Temperature: 25 °C                                       |
| Solubility                             | not available               |  |
| Partition coefficient: n-octanol/water | not available               |  |
| Vapour pressure                        | not available               |  |
| Density and/or relative density        | 1,25-1,42 kg/l              | Method:ISO 2811<br>Temperature: 25 °C  |
| Relative vapour density                | not available               |  |
| Particle characteristics               | not applicable              |  |

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

Information not available

##### 9.2.2. Other safety characteristics

Total solids (250°C / 482°F) 57,12 %

### SECTION 10. Stability and reactivity

#### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

#### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

#### 10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

### SECTION 10. Stability and reactivity ... / >>

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Avoid exposure to: heat.

Keep away from: oxidising agents.

#### 10.5. Incompatible materials

Information not available

#### 10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

### SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

##### Information on likely routes of exposure

Information not available

##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

##### Interactive effects

Information not available

##### ACUTE TOXICITY

ATE (Inhalation) of the mixture: Not classified (no significant component)

ATE (Oral) of the mixture: Not classified (no significant component)

ATE (Dermal) of the mixture: Not classified (no significant component)

##### 1,2-Benzisothiazol-3(2H)-one (ECHA)

LD50 (Dermal): > 2000 mg/kg Rat  
 LD50 (Oral): 1150 mg/kg Mouse

##### 1,2-Benzisothiazol-3(2H)-one (BW20)

LD50 (Dermal): > 2000 mg/kg Rat  
 LD50 (Oral): 1150 mg/kg Mouse

##### 2-Methylisothiazol-3(2H)-one

LD50 (Dermal): 242 mg/kg Rat  
 LD50 (Oral): 120 mg/kg Rat (females)

##### Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LD50 (Dermal): 1000 mg/kg Rat  
 STA (Dermal): 50,001 mg/kg estimate from table 3.1.2 of Annex I of the CLP  
 (figure used for calculation of the acute toxicity estimate of the mixture)

LD50 (Oral): 550 mg/kg Rat  
 LC50 (Inhalation vapours): 0,31 mg/l Rat

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

LD50 (Dermal): > 5000 mg/kg Rabbit  
 LD50 (Oral): > 5000 mg/kg Rat  
 LC50 (Inhalation vapours): > 20 mg/l/4h Rat

##### SKIN CORROSION / IRRITATION

### SECTION 11. Toxicological information ... / >>

Does not meet the classification criteria for this hazard class

#### SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

#### RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

2-Methylisothiazol-3(2H)-one

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

1,2-Benzisothiazol-3(2H)-one (ECHA)

1,2-Benzisothiazol-3(2H)-one (BW20)

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

#### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

#### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

#### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

#### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class Viscosity: 800-2350 mm<sup>2</sup>/s

#### 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

### SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

#### 12.1. Toxicity

1,2-Benzisothiazol-3(2H)-one (ECHA)

LC50 - for Fish

0,8 mg/l/96h Oncorhynchus mykiss (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h Daphnia magna (Νερόψυλλος ο μέγας)

1,2-Benzisothiazol-3(2H)-one (BW20)

LC50 - for Fish

0,8 mg/l/96h Oncorhynchus mykiss (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h Daphnia magna (Νερόψυλλος ο μέγας)

2-Methylisothiazol-3(2H)-one

LC50 - for Fish

3,79 mg/l/96h

EC50 - for Crustacea

4,67 mg/l/48h Daphnia

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LC50 - for Fish

0,58 mg/l/96h

EC50 - for Algae / Aquatic Plants

0,161 mg/l/72h

Chronic NOEC for Algae / Aquatic Plants

0,032 mg/l 96h

### SECTION 12. Ecological information ... / >>

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
LC50 - for Fish > 100 mg/l/96h Fish / Aquatic Invertebrates / Algae / Microorganisms  
EC50 - for Crustacea > 100 mg/l/48h  
EC50 - for Algae / Aquatic Plants > 100 mg/l/72h  
Chronic NOEC for Fish > 0,1 mg/l  
Chronic NOEC for Crustacea > 0,1 mg/l

#### 12.2. Persistence and degradability

2-Methylisothiazol-3(2H)-one  
NOT rapidly degradable

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
NOT rapidly degradable 30 %, Exposure time: 28 d, OECD Test Guideline 301B

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Rapidly degradable

#### 12.3. Bioaccumulative potential

2-Methylisothiazol-3(2H)-one  
BCF 3,16

#### 12.4. Mobility in soil

Information not available

#### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

#### 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

#### 12.7. Other adverse effects

Information not available

### SECTION 13. Disposal considerations

#### 13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.  
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.  
CONTAMINATED PACKAGING  
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

### SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

#### 14.1. UN number or ID number

not applicable

#### 14.2. UN proper shipping name

not applicable





### SECTION 14. Transport information ... / >>

#### 14.3. Transport hazard class(es)

not applicable

#### 14.4. Packing group

not applicable

#### 14.5. Environmental hazards

not applicable

#### 14.6. Special precautions for user

not applicable

#### 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

### SECTION 15. Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product

Point 40

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

#### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

### SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

**Flam. Liq. 3**

Flammable liquid, category 3

### SECTION 16. Other information ... / >>

|                          |  |
|--------------------------|--|
| <b>Acute Tox. 2</b>      | Acute toxicity, category 2   |
| <b>Acute Tox. 3</b>      | Acute toxicity, category 3   |
| <b>Acute Tox. 4</b>      | Acute toxicity, category 4   |
| <b>Asp. Tox. 1</b>       | Aspiration hazard, category 1                                      |
| <b>Skin Corr. 1B</b>     | Skin corrosion, category 1B  |
| <b>Skin Corr. 1C</b>     | Skin corrosion, category 1C  |
| <b>Eye Dam. 1</b>        | Serious eye damage, category 1                                     |
| <b>Skin Irrit. 2</b>     | Skin irritation, category 2  |
| <b>STOT SE 3</b>         | Specific target organ toxicity - single exposure, category 3       |
| <b>Skin Sens. 1</b>      | Skin sensitization, category 1                                     |
| <b>Skin Sens. 1A</b>     | Skin sensitization, category 1A                                    |
| <b>Aquatic Acute 1</b>   | Hazardous to the aquatic environment, acute toxicity, category 1   |
| <b>Aquatic Chronic 1</b> | Hazardous to the aquatic environment, chronic toxicity, category 1 |
| <b>H226</b>              | Flammable liquid and vapour.                                       |
| <b>H310</b>              | Fatal in contact with skin.  |
| <b>H330</b>              | Fatal if inhaled.  |
| <b>H301</b>              | Toxic if swallowed.  |
| <b>H311</b>              | Toxic in contact with skin.  |
| <b>H302</b>              | Harmful if swallowed.  |
| <b>H304</b>              | May be fatal if swallowed and enters airways.                      |
| <b>H314</b>              | Causes severe skin burns and eye damage.                           |
| <b>H318</b>              | Causes serious eye damage.   |
| <b>H315</b>              | Causes skin irritation.  |
| <b>H335</b>              | May cause respiratory irritation.                                  |
| <b>H317</b>              | May cause an allergic skin reaction.                               |
| <b>H336</b>              | May cause drowsiness or dizziness.                                 |
| <b>H400</b>              | Very toxic to aquatic life.  |
| <b>H410</b>              | Very toxic to aquatic life with long lasting effects.              |
| <b>EUH066</b>            | Repeated exposure may cause skin dryness or cracking.              |
| <b>EUH071</b>            | Corrosive to the respiratory tract.                                |
| <b>EUH210</b>            | Safety data sheet available on request.                            |

**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

**GENERAL BIBLIOGRAPHY**

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament

### SECTION 16. Other information ... / >>

5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

#### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

#### Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 09 / 10 / 11 / 12 / 15 / 16.

## Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: **CK281040080**  
Product name: **KRAFT MASTER BASICS 80-Brown**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: **High Quality Basic Color**

#### 1.3. Details of the supplier of the safety data sheet

Name: **DRUCKFARBEN HELLAS SA**  
Full address: **MEGARIDOS AVENUE**  
District and Country: **19300 ASPROPYRGOS (ATTIKI) GREECE**  
Tel.: **+30 210 5519500**  
Fax: **+30 210 5519501**  
e-mail address of the competent person responsible for the Safety Data Sheet: **psafety@druckfarben.gr**

#### 1.4. Emergency telephone number

For urgent inquiries refer to: **0030-210-7793777**

### SECTION 2. Hazards identification

#### 2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

Hazard classification and indication: --

#### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

**EUH210** Safety data sheet available on request.  
**EUH208** Contains: Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
1,2-Benzisothiazol-3(2H)-one (ECHA)  
1,2-Benzisothiazol-3(2H)-one (BW20)  
May produce an allergic reaction.

Precautionary statements:

**P501** Dispose of contents / container to an approved waste disposal plant or recycled in accordance with local / national / international regulations.  
**P102** Keep out of reach of children.  
**P101** If medical advice is needed, have product container or label at hand.  
**P312** Call a POISON CENTRE / doctor, if you feel unwell.

### SECTION 2. Hazards identification ... / >>

#### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

### SECTION 3. Composition/information on ingredients

#### 3.2. Mixtures

Contains:

| Identification  | x = Conc. %           | Classification (EC) 1272/2008 (CLP)  |
|---|-----------------------|--|
| <b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>   |                       |  |
| INDEX   | 649-327-00-6          | $1 \leq x < 5$   |
| EC  | 919-857-5             | <b>Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066, Classification note according to Annex VI to the CLP Regulation: P</b>   |
| CAS   | 64742-48-9            |  |
| REACH Reg.  | 01-2119463258-33-xxxx |  |
| <b>1,2-Benzisothiazol-3(2H)-one (BW20)</b>  |                       |  |
| INDEX   | 613-088-00-6          | $0 \leq x < 0,05$  |
| EC  | 220-120-9             | <b>Acute Tox. 2 H330, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1</b>                                |
| CAS   | 2634-33-5             |  |
| REACH Reg.  | 01-2120761540-60      |  |
| <b>1,2-Benzisothiazol-3(2H)-one (ECHA)</b>  |                       |  |
| INDEX   | 613-088-00-6          | $0 \leq x < 0,05$  |
| EC  | 220-120-9             | <b>Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1</b>   |
| CAS   | 2634-33-5             |  |
| REACH Reg.  | 01-2120761540-60      |  |
| <b>Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b>  |                       |  |
| INDEX   | 613-167-00-5          | $0 \leq x < 0,0015$  |
| EC  | 611-341-5             | <b>Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071</b> |
| CAS   | 55965-84-9            |  |
| REACH Reg.  | 01-2120764691-48      |  |
| <b>SKIN Corr. 1C H314: <math>\geq</math> 0,6%, Skin Irrit. 2 H315: <math>\geq</math> 0,06%, Skin Sens. 1 H317: <math>\geq</math> 0,0015%, Eye Dam. 1 H318: <math>\geq</math> 0,6%, Eye Irrit. 2 H319: <math>\geq</math> 0,06%</b> |                       |  |
| <b>STA Oral: 100 mg/kg, STA Dermal: 50,001 mg/kg, STA Inhalation vapours: 0,501 mg/l</b>  |                       |  |

The full wording of hazard (H) phrases is given in section 16 of the sheet.

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

**INGESTION:** Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

**INHALATION:** Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

#### 4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Information not available



## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

#### SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

#### UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

### 5.2. Special hazards arising from the substance or mixture

#### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

### 5.3. Advice for firefighters

#### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## SECTION 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3. Specific end use(s)

Information not available

### SECTION 8. Exposure controls/personal protection

#### 8.1. Control parameters

Regulatory References:

|     |             |  |
|-----|-------------|--|
| DEU | Deutschland | Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56  |
| GRC | Ελλάδα      | Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ "σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιογόνους παράγοντες κατά την εργασία"» |

**Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)**

#### Threshold Limit Value

| Type | Country | TWA/8h            |     | STEL/15min        |     | Remarks / Observations |
|------|---------|-------------------|-----|-------------------|-----|------------------------|
|      |         | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |                        |
| AGW  | DEU     | 0,05              |     |                   |     | SKIN                   |

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Threshold Limit Value

| Type | Country | TWA/8h            |     | STEL/15min        |     | Remarks / Observations |
|------|---------|-------------------|-----|-------------------|-----|------------------------|
|      |         | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |                        |
| TLV  | GRC     | 1200              |     |                   |     |                        |

#### Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers |                | Effects on workers |                       |             |                        |               |                  |
|-------------------|----------------------|----------------|--------------------|-----------------------|-------------|------------------------|---------------|------------------|
|                   | Acute local          | Acute systemic | Chronic local      | Chronic systemic      | Acute local | Acute systemic         | Chronic local | Chronic systemic |
| Oral              |                      |                | VND                | 300 mg/kg/d           |             |                        |               |                  |
| Inhalation        |                      |                | VND                | 900 mg/m <sup>3</sup> | VND         | 1500 mg/m <sup>3</sup> |               |                  |
| Skin              |                      |                | VND                | 300 mg/kg/d           |             |                        | VND           | 300 mg/kg/d      |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

#### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

##### HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

##### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

##### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

##### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an

### SECTION 8. Exposure controls/personal protection ... / >>

emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

### SECTION 9. Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

| Properties                             | Value                       | Information  |
|--|-----------------------------|--|
| Appearance                             | liquid                      |  |
| Colour                                 | as showed in color folder   |  |
| Odour                                  | mild                        |  |
| Melting point / freezing point         | not available               |  |
| Initial boiling point                  | not available               |  |
| Flammability                           | not available               |  |
| Lower explosive limit                  | not available               |  |
| Upper explosive limit                  | not available               |  |
| Flash point                            | > 60 °C                     |  |
| Auto-ignition temperature              | not available               |  |
| Decomposition temperature              | not available               |  |
| pH                                     | 8,5-9,7                     | Concentration: 100 %<br>Temperature: 25 °C                                       |
| Kinematic viscosity                    | 800-2350 mm <sup>2</sup> /s | Method:Converting Formula from Dynamic Viscosity & Density<br>Temperature: 25 °C |
| Dynamic viscosity                      | 90-120 KU                   | Method:ASTM D 562-05<br>Temperature: 25 °C                                       |
| Solubility                             | not available               |  |
| Partition coefficient: n-octanol/water | not available               |  |
| Vapour pressure                        | not available               |  |
| Density and/or relative density        | 1,26-1,42 kg/l              | Method:ISO 2811<br>Temperature: 25 °C  |
| Relative vapour density                | not available               |  |
| Particle characteristics               | not applicable              |  |

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

Information not available

##### 9.2.2. Other safety characteristics

Total solids (250°C / 482°F) 49,85 %

### SECTION 10. Stability and reactivity

#### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

#### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

#### 10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.



### SECTION 10. Stability and reactivity ... / >>

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Avoid exposure to: heat.

Keep away from: oxidising agents.

#### 10.5. Incompatible materials

Information not available

#### 10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

### SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

##### Information on likely routes of exposure

Information not available

##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

##### Interactive effects

Information not available

##### ACUTE TOXICITY

ATE (Inhalation) of the mixture: Not classified (no significant component)

ATE (Oral) of the mixture: Not classified (no significant component)

ATE (Dermal) of the mixture: Not classified (no significant component)

##### 1,2-Benzisothiazol-3(2H)-one (ECHA)

LD50 (Dermal): > 2000 mg/kg Rat  
 LD50 (Oral): 1150 mg/kg Mouse

##### 1,2-Benzisothiazol-3(2H)-one (BW20)

LD50 (Dermal): > 2000 mg/kg Rat  
 LD50 (Oral): 1150 mg/kg Mouse

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LD50 (Dermal): 1000 mg/kg Rat  
 STA (Dermal): 50,001 mg/kg estimate from table 3.1.2 of Annex I of the CLP  
 (figure used for calculation of the acute toxicity estimate of the mixture)

LD50 (Oral): 550 mg/kg Rat  
 LC50 (Inhalation vapours): 0,31 mg/l Rat

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

LD50 (Dermal): > 5000 mg/kg Rabbit  
 LD50 (Oral): > 5000 mg/kg Rat  
 LC50 (Inhalation vapours): > 20 mg/l/4h Rat

##### SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

##### SERIOUS EYE DAMAGE / IRRITATION



### SECTION 11. Toxicological information ... / >>

Does not meet the classification criteria for this hazard class

#### RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

1,2-Benzisothiazol-3(2H)-one (ECHA)

1,2-Benzisothiazol-3(2H)-one (BW20)

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

#### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

#### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

#### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

#### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class Viscosity: 800-2350 mm<sup>2</sup>/s

#### 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

### SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

#### 12.1. Toxicity

1,2-Benzisothiazol-3(2H)-one (ECHA)

LC50 - for Fish

0,8 mg/l/96h *Oncorhynchus mykiss* (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h *Daphnia magna* (Νερόψυλλος ο μέγας)

1,2-Benzisothiazol-3(2H)-one (BW20)

LC50 - for Fish

0,8 mg/l/96h *Oncorhynchus mykiss* (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h *Daphnia magna* (Νερόψυλλος ο μέγας)

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LC50 - for Fish

0,58 mg/l/96h

EC50 - for Algae / Aquatic Plants

0,161 mg/l/72h

Chronic NOEC for Algae / Aquatic Plants

0,032 mg/l 96h

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

LC50 - for Fish

> 100 mg/l/96h Fish / Aquatic Invertebrates / Algae / Microorganisms

EC50 - for Crustacea

> 100 mg/l/48h

EC50 - for Algae / Aquatic Plants

> 100 mg/l/72h

Chronic NOEC for Fish

> 0,1 mg/l

Chronic NOEC for Crustacea

> 0,1 mg/l

#### 12.2. Persistence and degradability

### SECTION 12. Ecological information ... / >>

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
NOT rapidly degradable 30 %, Exposure time: 28 d, OECD Test Guideline 301B

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Rapidly degradable

#### 12.3. Bioaccumulative potential

Information not available

#### 12.4. Mobility in soil

Information not available

#### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

#### 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

#### 12.7. Other adverse effects

Information not available

### SECTION 13. Disposal considerations

#### 13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.  
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.  
CONTAMINATED PACKAGING  
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

### SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

#### 14.1. UN number or ID number

not applicable

#### 14.2. UN proper shipping name

not applicable

#### 14.3. Transport hazard class(es)

not applicable

#### 14.4. Packing group

not applicable

#### 14.5. Environmental hazards

not applicable

### SECTION 14. Transport information ... / >>

#### 14.6. Special precautions for user

not applicable

#### 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

### SECTION 15. Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product

Point 40

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

#### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

### SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

|                          |  |
|--------------------------|--|
| <b>Flam. Liq. 3</b>      | Flammable liquid, category 3                                       |
| <b>Acute Tox. 2</b>      | Acute toxicity, category 2   |
| <b>Acute Tox. 3</b>      | Acute toxicity, category 3   |
| <b>Acute Tox. 4</b>      | Acute toxicity, category 4   |
| <b>Asp. Tox. 1</b>       | Aspiration hazard, category 1                                      |
| <b>Skin Corr. 1C</b>     | Skin corrosion, category 1C  |
| <b>Eye Dam. 1</b>        | Serious eye damage, category 1                                     |
| <b>Skin Irrit. 2</b>     | Skin irritation, category 2  |
| <b>Skin Sens. 1</b>      | Skin sensitization, category 1                                     |
| <b>STOT SE 3</b>         | Specific target organ toxicity - single exposure, category 3       |
| <b>Aquatic Acute 1</b>   | Hazardous to the aquatic environment, acute toxicity, category 1   |
| <b>Aquatic Chronic 1</b> | Hazardous to the aquatic environment, chronic toxicity, category 1 |
| <b>H226</b>              | Flammable liquid and vapour.                                       |
| <b>H310</b>              | Fatal in contact with skin.  |
| <b>H330</b>              | Fatal if inhaled.  |
| <b>H301</b>              | Toxic if swallowed.  |

### SECTION 16. Other information ... / >>

|               |   |
|---------------|---|
| <b>H302</b>   | Harmful if swallowed.                                 |
| <b>H304</b>   | May be fatal if swallowed and enters airways.         |
| <b>H314</b>   | Causes severe skin burns and eye damage.              |
| <b>H318</b>   | Causes serious eye damage.                            |
| <b>H315</b>   | Causes skin irritation.                               |
| <b>H317</b>   | May cause an allergic skin reaction.                  |
| <b>H336</b>   | May cause drowsiness or dizziness.                    |
| <b>H400</b>   | Very toxic to aquatic life.                           |
| <b>H410</b>   | Very toxic to aquatic life with long lasting effects. |
| <b>EUH066</b> | Repeated exposure may cause skin dryness or cracking. |
| <b>EUH071</b> | Corrosive to the respiratory tract.                   |
| <b>EUH210</b> | Safety data sheet available on request.               |

#### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

#### GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)



### SECTION 16. Other information ... / >>

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

#### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

#### Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 09 / 10 / 11 / 12 / 15 / 16.

## Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: **CK281040090**  
Product name: **KRAFT MASTER BASICS 90-Black**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: **High Quality Basic Color**

#### 1.3. Details of the supplier of the safety data sheet

Name: **DRUCKFARBEN HELLAS SA**  
Full address: **MEGARIDOS AVENUE**  
District and Country: **19300 ASPROPYRGOS (ATTIKI)**  
**GREECE**  
Tel.: **+30 210 5519500**  
Fax: **+30 210 5519501**  
e-mail address of the competent person responsible for the Safety Data Sheet: **psafety@druckfarben.gr**

#### 1.4. Emergency telephone number

For urgent inquiries refer to: **0030-210-7793777**

### SECTION 2. Hazards identification

#### 2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

Hazard classification and indication: --

#### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

**EUH066** Repeated exposure may cause skin dryness or cracking.  
**EUH210** Safety data sheet available on request.  
**EUH208** Contains: 2-Methylisothiazol-3(2H)-one  
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and  
2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
1,2-Benzisothiazol-3(2H)-one (ECHA)  
1,2-Benzisothiazol-3(2H)-one (BW20)  
May produce an allergic reaction.

Precautionary statements:

**P501** Dispose of contents / container to an approved waste disposal plant or recycled in accordance with local / national / international regulations.  
**P102** Keep out of reach of children.  
**P101** If medical advice is needed, have product container or label at hand.  
**P312** Call a POISON CENTRE / doctor, if you feel unwell.

### SECTION 2. Hazards identification ... / >>

#### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

### SECTION 3. Composition/information on ingredients

#### 3.2. Mixtures

Contains:

| Identification   | x = Conc. %           | Classification (EC) 1272/2008 (CLP)   |
|--|-----------------------|---|
| <b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>  |                       |   |
| INDEX  | 649-327-00-6          | $1 \leq x < 5$  |
| EC   | 919-857-5             | <b>Fam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066, Classification note according to Annex VI to the CLP Regulation: P</b>   |
| CAS  | 64742-48-9            |   |
| REACH Reg.   | 01-2119463258-33-xxxx |   |
| INDEX  | 613-088-00-6          |   |
| EC   | 220-120-9             | <b>Acute Tox. 2 H330, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1, Skin Sens. 1 H317: <math>\geq</math> 0,05%</b><br><b>LD50 Oral: 1150 mg/kg, STA Inhalation mists/powders: 0,051 mg/l</b>   |
| CAS  | 2634-33-5             |   |
| REACH Reg.   | 01-2120761540-60      |   |
| INDEX  | 613-088-00-6          |   |
| EC   | 220-120-9             | <b>Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Skin Sens. 1 H317: <math>\geq</math> 0,05%</b><br><b>LD50 Oral: 1150 mg/kg</b>  |
| CAS  | 2634-33-5             |   |
| REACH Reg.   | 01-2120761540-60      |   |
| INDEX  | 613-088-00-6          |   |
| <b>Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b> |                       |   |
| INDEX  | 613-167-00-5          | $0 \leq x < 0,0015$   |
| EC   | 611-341-5             | <b>Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071</b><br><b>Skin Corr. 1C H314: <math>\geq</math> 0,6%, Skin Irrit. 2 H315: <math>\geq</math> 0,06%, Skin Sens. 1 H317: <math>\geq</math> 0,0015%, Eye Dam. 1 H318: <math>\geq</math> 0,6%, Eye Irrit. 2 H319: <math>\geq</math> 0,06%</b><br><b>STA Oral: 100 mg/kg, STA Dermal: 50,001 mg/kg, STA Inhalation vapours: 0,501 mg/l</b> |
| CAS  | 55965-84-9            |   |
| REACH Reg.   | 01-2120764691-48      |   |
| INDEX  | 613-167-00-5          |   |
| EC   | 220-239-6             | <b>Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Eye Dam. 1 H318, Eye Dam. 1 H318, STOT SE 3 H335, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1, EUH071</b><br><b>Skin Sens. 1A H317: <math>\geq</math> 0,0015%</b><br><b>LD50 Oral: 120 mg/kg, LD50 Dermal: 242 mg/kg, STA Inhalation mists/powders: 0,051 mg/l</b>  |
| CAS  | 2682-20-4             |   |

The full wording of hazard (H) phrases is given in section 16 of the sheet.

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

**INGESTION:** Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

**INHALATION:** Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

#### 4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.





### SECTION 4. First aid measures ... / >>

#### 4.3. Indication of any immediate medical attention and special treatment needed

Information not available

### SECTION 5. Firefighting measures

#### 5.1. Extinguishing media

##### SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

##### UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

#### 5.2. Special hazards arising from the substance or mixture

##### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

#### 5.3. Advice for firefighters

##### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

##### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

### SECTION 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

#### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

#### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

### SECTION 7. Handling and storage

#### 7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

#### 7.3. Specific end use(s)

Information not available

### SECTION 8. Exposure controls/personal protection

#### 8.1. Control parameters

Regulatory References:

|     |             |  |
|-----|-------------|--|
| DEU | Deutschland | Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56  |
| GRC | Ελλάδα      | Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ "σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιογόνους παράγοντες κατά την εργασία"» |

**Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)**

#### Threshold Limit Value

| Type | Country | TWA/8h            |     | STEL/15min        |     | Remarks / Observations |
|------|---------|-------------------|-----|-------------------|-----|------------------------|
|      |         | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |                        |
| AGW  | DEU     | 0,05              |     |                   |     | SKIN                   |

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Threshold Limit Value

| Type | Country | TWA/8h            |     | STEL/15min        |     | Remarks / Observations |
|------|---------|-------------------|-----|-------------------|-----|------------------------|
|      |         | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |                        |
| TLV  | GRC     | 1200              |     |                   |     |                        |

#### Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers |                | Effects on workers |                       |             |                        |               |                  |
|-------------------|----------------------|----------------|--------------------|-----------------------|-------------|------------------------|---------------|------------------|
|                   | Acute local          | Acute systemic | Chronic local      | Chronic systemic      | Acute local | Acute systemic         | Chronic local | Chronic systemic |
| Oral              |                      |                | VND                | 300 mg/kg/d           |             |                        |               |                  |
| Inhalation        |                      |                | VND                | 900 mg/m <sup>3</sup> | VND         | 1500 mg/m <sup>3</sup> |               |                  |
| Skin              |                      |                | VND                | 300 mg/kg/d           |             |                        | VND           | 300 mg/kg/d      |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

#### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

##### HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

##### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

##### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

##### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an

### SECTION 8. Exposure controls/personal protection ... / >>

emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

### SECTION 9. Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

| Properties                             | Value                       | Information  |
|--|-----------------------------|--|
| Appearance                             | liquid                      |  |
| Colour                                 | as showed in color folder   |  |
| Odour                                  | mild                        |  |
| Melting point / freezing point         | not available               |  |
| Initial boiling point                  | not available               |  |
| Flammability                           | not available               |  |
| Lower explosive limit                  | not available               |  |
| Upper explosive limit                  | not available               |  |
| Flash point                            | > 60 °C                     |  |
| Auto-ignition temperature              | not available               |  |
| Decomposition temperature              | not available               |  |
| pH                                     | 8,5-9,7                     | Concentration: 100 %<br>Temperature: 25 °C                                       |
| Kinematic viscosity                    | 800-2350 mm <sup>2</sup> /s | Method:Converting Formula from Dynamic Viscosity & Density<br>Temperature: 25 °C |
| Dynamic viscosity                      | 90-120KU                    | Method:ASTM D 562-05<br>Temperature: 25 °C                                       |
| Solubility                             | not available               |  |
| Partition coefficient: n-octanol/water | not available               |  |
| Vapour pressure                        | not available               |  |
| Density and/or relative density        | 1,25 - 1,42 kg/l            | Method:ISO 2811<br>Temperature: 25 °C  |
| Relative vapour density                | not available               |  |
| Particle characteristics               | not applicable              |  |

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

Information not available

##### 9.2.2. Other safety characteristics

Total solids (250°C / 482°F) 55,32 %

### SECTION 10. Stability and reactivity

#### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

#### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

#### 10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

### SECTION 10. Stability and reactivity ... / >>

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Avoid exposure to: heat.

Keep away from: oxidising agents.

#### 10.5. Incompatible materials

Information not available

#### 10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

### SECTION 11. Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

##### Information on likely routes of exposure

Information not available

##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

##### Interactive effects

Information not available

##### ACUTE TOXICITY

ATE (Inhalation) of the mixture: Not classified (no significant component)

ATE (Oral) of the mixture: Not classified (no significant component)

ATE (Dermal) of the mixture: Not classified (no significant component)

##### 1,2-Benzisothiazol-3(2H)-one (ECHA)

LD50 (Dermal): > 2000 mg/kg Rat

LD50 (Oral): 1150 mg/kg Mouse

##### 1,2-Benzisothiazol-3(2H)-one (BW20)

LD50 (Dermal): > 2000 mg/kg Rat

LD50 (Oral): 1150 mg/kg Mouse

##### 2-Methylisothiazol-3(2H)-one

LD50 (Dermal): 242 mg/kg Rat

LD50 (Oral): 120 mg/kg Rat (females)

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LD50 (Dermal): 1000 mg/kg Rat

STA (Dermal): 50,001 mg/kg estimate from table 3.1.2 of Annex I of the CLP (figure used for calculation of the acute toxicity estimate of the mixture)

LD50 (Oral): 550 mg/kg Rat

LC50 (Inhalation vapours): 0,31 mg/l Rat

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

LD50 (Dermal): > 5000 mg/kg Rabbit

LD50 (Oral): > 5000 mg/kg Rat

LC50 (Inhalation vapours): > 20 mg/l/4h Rat

##### SKIN CORROSION / IRRITATION

Repeated exposure may cause skin dryness or cracking.

##### SERIOUS EYE DAMAGE / IRRITATION

### SECTION 11. Toxicological information ... / >>

Does not meet the classification criteria for this hazard class

#### RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

2-Methylisothiazol-3(2H)-one

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

1,2-Benzisothiazol-3(2H)-one (ECHA)

1,2-Benzisothiazol-3(2H)-one (BW20)

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

#### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

#### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

#### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

#### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class Viscosity: 800-2350 mm<sup>2</sup>/s

### 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

### SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

#### 12.1. Toxicity

1,2-Benzisothiazol-3(2H)-one (ECHA)

LC50 - for Fish

0,8 mg/l/96h *Oncorhynchus mykiss* (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h *Daphnia magna* (Νερόψυλλος ο μέγας)

1,2-Benzisothiazol-3(2H)-one (BW20)

LC50 - for Fish

0,8 mg/l/96h *Oncorhynchus mykiss* (Ιριδίζουσα πέστροφα)

EC50 - for Algae / Aquatic Plants

4,4 mg/l/72h *Daphnia magna* (Νερόψυλλος ο μέγας)

2-Methylisothiazol-3(2H)-one

LC50 - for Fish

3,79 mg/l/96h

EC50 - for Crustacea

4,67 mg/l/48h *Daphnia*

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LC50 - for Fish

0,58 mg/l/96h

EC50 - for Algae / Aquatic Plants

0,161 mg/l/72h

Chronic NOEC for Algae / Aquatic Plants

0,032 mg/l 96h

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

LC50 - for Fish

> 100 mg/l/96h Fish / Aquatic Invertebrates / Algae / Microorganisms

EC50 - for Crustacea

> 100 mg/l/48h

EC50 - for Algae / Aquatic Plants

> 100 mg/l/72h

Chronic NOEC for Fish

> 0,1 mg/l

### SECTION 12. Ecological information ... / >>

Chronic NOEC for Crustacea > 0,1 mg/l

#### 12.2. Persistence and degradability

2-Methylisothiazol-3(2H)-one  
NOT rapidly degradable

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
NOT rapidly degradable 30 %, Exposure time: 28 d, OECD Test Guideline 301B

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Rapidly degradable

#### 12.3. Bioaccumulative potential

2-Methylisothiazol-3(2H)-one  
BCF 3,16

#### 12.4. Mobility in soil

Information not available

#### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

#### 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

#### 12.7. Other adverse effects

Information not available

### SECTION 13. Disposal considerations

#### 13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.  
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.  
CONTAMINATED PACKAGING  
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

### SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

#### 14.1. UN number or ID number

not applicable

#### 14.2. UN proper shipping name

not applicable

#### 14.3. Transport hazard class(es)

not applicable

### SECTION 14. Transport information ... / >>

#### 14.4. Packing group

not applicable

#### 14.5. Environmental hazards

not applicable

#### 14.6. Special precautions for user

not applicable

#### 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

### SECTION 15. Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product  
Point 40

Contained substance  
Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors  
not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

#### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

### SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

|                      |                               |
|----------------------|-------------------------------|
| <b>Flam. Liq. 3</b>  | Flammable liquid, category 3  |
| <b>Acute Tox. 2</b>  | Acute toxicity, category 2    |
| <b>Acute Tox. 3</b>  | Acute toxicity, category 3    |
| <b>Acute Tox. 4</b>  | Acute toxicity, category 4    |
| <b>Asp. Tox. 1</b>   | Aspiration hazard, category 1 |
| <b>Skin Corr. 1B</b> | Skin corrosion, category 1B   |

### SECTION 16. Other information ... / >>

|                          |  |
|--------------------------|--|
| <b>Skin Corr. 1C</b>     | Skin corrosion, category 1C  |
| <b>Eye Dam. 1</b>        | Serious eye damage, category 1                                     |
| <b>Skin Irrit. 2</b>     | Skin irritation, category 2  |
| <b>STOT SE 3</b>         | Specific target organ toxicity - single exposure, category 3       |
| <b>Skin Sens. 1</b>      | Skin sensitization, category 1                                     |
| <b>Skin Sens. 1A</b>     | Skin sensitization, category 1A                                    |
| <b>Aquatic Acute 1</b>   | Hazardous to the aquatic environment, acute toxicity, category 1   |
| <b>Aquatic Chronic 1</b> | Hazardous to the aquatic environment, chronic toxicity, category 1 |
| <b>H226</b>              | Flammable liquid and vapour.                                       |
| <b>H310</b>              | Fatal in contact with skin.  |
| <b>H330</b>              | Fatal if inhaled.  |
| <b>H301</b>              | Toxic if swallowed.  |
| <b>H311</b>              | Toxic in contact with skin.  |
| <b>H302</b>              | Harmful if swallowed.  |
| <b>H304</b>              | May be fatal if swallowed and enters airways.                      |
| <b>H314</b>              | Causes severe skin burns and eye damage.                           |
| <b>H318</b>              | Causes serious eye damage.   |
| <b>H315</b>              | Causes skin irritation.  |
| <b>H335</b>              | May cause respiratory irritation.                                  |
| <b>H317</b>              | May cause an allergic skin reaction.                               |
| <b>H336</b>              | May cause drowsiness or dizziness.                                 |
| <b>H400</b>              | Very toxic to aquatic life.  |
| <b>H410</b>              | Very toxic to aquatic life with long lasting effects.              |
| <b>EUH066</b>            | Repeated exposure may cause skin dryness or cracking.              |
| <b>EUH071</b>            | Corrosive to the respiratory tract.                                |
| <b>EUH210</b>            | Safety data sheet available on request.                            |

#### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

#### GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament



### SECTION 16. Other information ... / >>

10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

#### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

#### Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 09 / 10 / 11 / 12 / 15 / 16.