

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 24/05/2023 Revision date: 16/01/2024 Supersedes version of: 27/07/2023 Version: 2.0

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

#### 1.1. Product identifier

Product form : Mixture

Product name : 405/F158 - METALCOTE PRIMER/UNDERCOAT WHITE

UFI : 1P4P-32Y0-T00U-XQ52

Product code : 10606

Type of product : Paint

Product group : Blend

Other means of identification : 405/F158/1

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

#### 1.2.1. Relevant identified uses

No additional information available

#### 1.2.2. Uses advised against

No additional information available

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

Supplier

Teal & Mackrill Ltd Lockwood Street Hull, East Yorkshire, HU2 0HN England

T +44 (0)1482 320194

info@teamac.co.uk

Distributor

Teal & Mackrill EU B.V. Queens Towers Delflandlaan 1 1062 EA Amsterdam

Netherlands

T +31 (0)208 004828 info@teamac.co.uk

#### 1.4. Emergency telephone number

Emergency number : +44 (0) 1482 320194 Teamac (08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri)

### **SECTION 2: Hazards identification**

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

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3 H226
Specific target organ toxicity – Single exposure, Category 3 H336

Specific target organ toxicity – Single exposure, Category 3, Narcosis

Hazardous to the aquatic environment – Chronic Hazard,

H412

Category 3

Full text of H- and EUH-statements: see section 16

### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)





GHS02

GHS07

Signal word (CLP) : Warning

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

Hazard statements (CLP) : H226 - Flammable liquid and vapour.

H336 - May cause drowsiness or dizziness.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

EUH-statements : EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not

breathe spray or mist.

EUH066 - Repeated exposure may cause skin dryness or cracking.

#### 2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### **SECTION 3: Composition/information on ingredients**

### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name  | Product identifier   | %           | Classification according to<br>Regulation (EC) No. 1272/2008<br>[CLP] |
|---|--|-------------|---|
| Calcium Carbonate substance with national workplace exposure limit(s) (CZ, SK); substance with a Community workplace exposure limit | CAS-No.: 1317-65-3<br>EC-No.: 215-279-6                                    | ≥ 30 - < 50 | Not classified  |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics   | EC-No.: 919-857-5<br>REACH-no: 01-2119463258-<br>33                        | ≥ 10 - < 30 | Flam. Liq. 3, H226<br>STOT SE 3, H336<br>Asp. Tox. 1, H304            |
| Titanium Dioxide substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit      | CAS-No.: 13463-67-7<br>EC-No.: 236-675-5<br>REACH-no: 01-2119489379-<br>17 | ≥ 10 - < 30 | Not classified  |
| Organoclay substance with national workplace exposure limit(s) (CZ, GB, SK); substance with a Community workplace exposure limit    | CAS-No.: 68953-58-2<br>EC-No.: 273-219-4                                   | < 1         | Not classified  |

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| Name  | Product identifier  | %   | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|-----|---|
| TRIZINC BIS(ORTHOPHOSPHATE)   | CAS-No.: 7779-90-0<br>EC-No.: 231-944-3<br>EC Index-No.: 030-011-00-6<br>REACH-no: 01-2119485044- | < 1 | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics substance with national workplace exposure limit(s) (GB) | EC-No.: 918-481-9<br>REACH-no: 01-2119457273-<br>39   | < 1 | Asp. Tox. 1, H304   |
| Zeolites substance with national workplace exposure limit(s) (GB)   | CAS-No.: 1318-02-1<br>REACH-no: 01-2119429034-<br>49  | < 1 | Acute Tox. 4 (Dermal), H312 (ATE=2000 mg/kg bodyweight)         |
| Dipropylene Glycol Methyl Ether substance with national workplace exposure limit(s) (GB)                                      | CAS-No.: 34590-94-8<br>EC-No.: 252-104-2<br>REACH-no: 01-2119450011-                              | < 1 | Not classified  |
| 2,6-Di-tert-butyl-p-cresol substance with national workplace exposure limit(s) (GB)   | CAS-No.: 128-37-0<br>EC-No.: 204-881-4<br>REACH-no: 01-2119565113-                                | < 1 | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                |

Full text of H- and EUH-statements: see section 16

### **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

| First-aid measures general            | : Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person. Never give anything by mouth to an unconscious person. |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Move the affected person away from the contaminated area and into the fresh air.  Administer oxygen if breathing is difficult. If unconscious place in recovery position and seek medical advice.                  |
| First-aid measures after skin contact | : Take off contaminated clothing. Wash contaminated clothing before reuse. Gently wash with plenty of soap and water.  |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.   |
| First-aid measures after ingestion    | : Do not induce vomiting. If swallowed, seek medical advice immediately and show this  |

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

Symptoms/effects after skin contact : Get medical attention if symptoms occur after washing.

container or label.

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

No additional information available

### **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).

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

Fire hazard : Flammable liquid and vapour. Vapours may cause fire/explosion if source of ignition is

present.

#### 5.3. Advice for firefighters

Precautionary measures fire : Cool down the containers exposed to heat with a water spray.

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.

#### SECTION 6: Accidental release measures

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

General measures : Avoid inhalation of the product. Avoid contact with skin and eyes. No open flames. No

smoking. Eliminate every possible source of ignition.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains or water courses.

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

For containment : Cover spill with non combustible material, e.g.: sand, earth, vermiculite. Collect spillage.

Methods for cleaning up : Notify authorities if product enters sewers or public waters. Clean contaminated surfaces

with an excess of water.

### 6.4. Reference to other sections

See Section 8. For further information refer to section 13.

### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Additional hazards when processed : The Manual Handling Operations Regulations may apply to the handling of containers of

this product. To assist employers, the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an

approximate gross weight.

Precautions for safe handling : Do not eat, drink or smoke when using this product. Provide local exhaust or general room

ventilation. Do not breathe vapours.

Hygiene measures : Do not eat, drink or smoke when using this product.

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

Technical measures : The storage and use of this product is subject to the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). The requirements are given in the HSE Approved

Code of Practice and Guidance, Storage of Dangerous Substances: DSEAR. Up to 250 litres of liquids with a flashpoint above 32C but below 55C may be kept in a workroom provided they are kept in closed containers in a marked, fire-resisting cupboard or bin. Larger quantities must be kept in a separate, marked storeroom conforming to the structural requirements contained in the HSE guidance note Storage of Flammable Liquids in

Containers.

Storage conditions : Store in original container. Store in a well-ventilated place. Keep away from heat, hot

surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible products : Oxidizing agent. Strong bases. Strong acids.

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Storage temperature : 5-25 °C

### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.1.1 National occupational exposure and biological limit values

| Titanium Dioxide (13463-67-7)  |                         |  |  |  |
|--|-------------------------|--|--|--|
| EU - Indicative Occupational Exposure Limit (IOEL)                   |                         |  |  |  |
| IOEL TWA   | 10 mg/m³ Inhalable dust |  |  |  |
| United Kingdom - Occupational Exposure Limits                        |                         |  |  |  |
| WEL TWA (OEL TWA)  | 10 mg/m³ Inhalable dust |  |  |  |
| Calcium Carbonate (1317-65-3)  |                         |  |  |  |
| EU - Indicative Occupational Exposure Limit (IOEL)                   |                         |  |  |  |
| IOEL TWA   | 10 mg/m³ Inhalable Dust |  |  |  |
| Zeolites (1318-02-1)   |                         |  |  |  |
| United Kingdom - Occupational Exposure Limits                        |                         |  |  |  |
| WEL TWA (OEL TWA)  | 10 mg/m³                |  |  |  |
| Organoclay (68953-58-2)  |                         |  |  |  |
| EU - Indicative Occupational Exposure Limit (IOEL)                   |                         |  |  |  |
| IOEL TWA   | 10 mg/m³ Inhalable dust |  |  |  |
| United Kingdom - Occupational Exposure Limits                        |                         |  |  |  |
| WEL TWA (OEL TWA)  | 10 mg/m³ Inhalable dust |  |  |  |
| Dipropylene Glycol Methyl Ether (34590-94-8)                         |                         |  |  |  |
| United Kingdom - Occupational Exposure Limits                        |                         |  |  |  |
| WEL TWA (OEL TWA)  | 308 mg/m <sup>3</sup>   |  |  |  |
|  | 50 ppm                  |  |  |  |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics |                         |  |  |  |
| United Kingdom - Occupational Exposure Limits                        |                         |  |  |  |
| WEL TWA (OEL TWA)  | 1000 mg/m³              |  |  |  |
| 2,6-Di-tert-butyl-p-cresol (128-37-0)                                |                         |  |  |  |
| United Kingdom - Occupational Exposure Limits                        |                         |  |  |  |
| WEL TWA (OEL TWA)  | 10 mg/m³                |  |  |  |

#### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

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#### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Provide local exhaust or general room ventilation. Do not exceed the occupational exposure limits (OEL).

#### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Gloves.

#### Personal protective equipment symbol(s):





#### 8.2.2.1. Eye and face protection

#### Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

#### Hand protection:

Nitrile rubber gloves. As a general principal, exposure should be managed by means other than the provision of protective gloves. Permeation time: minimum >480min long term exposure; material / thickness [mm]: Breakthrough time : refer to the recommendations of the supplier

#### Other skin protection

#### Materials for protective clothing:

Use protective clothing

#### 8.2.2.3. Respiratory protection

### Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

No additional information available

### **SECTION 9: Physical and chemical properties**

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

Physical state : Liquid

: white. off-white. Colour Appearance : Viscous liquid. Odour : Not available Odour threshold : Not available Melting point : Not available : Not available Freezing point : Not available Boiling point Flammability : Not available Lower explosion limit : Not available Upper explosion limit : Not available

Flash point : 38°C approx. Closed cup.

Auto-ignition temperature : Not available Decomposition temperature : Not available

pH : Technically not feasible.

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Viscosity, kinematic  $> 20.5 \text{ mm}^2/\text{s}$ Viscosity, dynamic : 3.5 P @ 25°C Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50°C : Not available Density : Not available Relative density : 1.39 @ 20°c Relative vapour density at 20°C : Not available Particle characteristics : Not applicable

#### 9.2. Other information

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

No additional information available

#### 9.2.2. Other safety characteristics

VOC content : < 440 g/l

### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

#### 10.4. Conditions to avoid

Avoid ignition sources.

### 10.5. Incompatible materials

Strong acids. Strong bases. Oxidizing agent.

### 10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### **SECTION 11: Toxicological information**

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| TRIZINC BIS(ORTHOPHOSPHATE) (7779-90-0) |  |  |  |  |
|---|--|--|--|--|
| LD50 oral rat                           | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |  |  |  |
| Zeolites (1318-02-1)                    |  |  |  |  |
| LD50 oral rat                           | 32000 mg/kg  |  |  |  |
| LD50 dermal rabbit                      | 2000 mg/kg   |  |  |  |

Skin corrosion/irritation : Not classified

pH: Technically not feasible.

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Serious eye damage/irritation : Not classified

pH: Technically not feasible.

Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics |                                    |  |
|---|------------------------------------|--|
| STOT-single exposure  | May cause drowsiness or dizziness. |  |

STOT-repeated exposure : Not classified

| TRIZINC BIS(ORTHOPHOSPHATE) (7779-90-0 | )   |
|--|---|
|  | 53.8 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-<br>Day Oral Toxicity Study in Rodents)  |
| NOAEL (oral, rat, 90 days)             | 31.52 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-<br>Day Oral Toxicity Study in Rodents) |

Aspiration hazard : Not classified

| 405/F158 - METALCOTE PRIMER/UNDERCOAT WHITE                         |              |  |
|---|--------------|--|
| Viscosity, kinematic > 20.5 mm²/s                                   |              |  |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics |              |  |
| Viscosity, kinematic  | ≤ 20.5 mm²/s |  |

### 11.2. Information on other hazards

No additional information available

### **SECTION 12: Ecological information**

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term : Not classified

(acute)

Hazardous to the aquatic environment, long-term : Harmful to aquatic

(chronic)

: Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

| 405/F158 - METALCOTE PRIMER/UNDERCOAT WHITE |                          |  |  |
|---|--------------------------|--|--|
| Persistence and degradability               | Not rapidly degradable   |  |  |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes | , cyclics, <2% aromatics |  |  |
| Persistence and degradability               | Not rapidly degradable   |  |  |
| Titanium Dioxide (13463-67-7)               |                          |  |  |
| Persistence and degradability               | Not rapidly degradable   |  |  |
| Calcium Carbonate (1317-65-3)               |                          |  |  |
| Persistence and degradability               | Not rapidly degradable   |  |  |
| TRIZINC BIS(ORTHOPHOSPHATE) (7779-90-0)     |                          |  |  |
| Persistence and degradability               | Not rapidly degradable   |  |  |
| Zeolites (1318-02-1)                        |                          |  |  |
| Persistence and degradability               | Not rapidly degradable   |  |  |

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| Organoclay (68953-58-2)  |                        |  |  |
|--|------------------------|--|--|
| Persistence and degradability  | Not rapidly degradable |  |  |
| Dipropylene Glycol Methyl Ether (34590-94-8)                         |                        |  |  |
| Persistence and degradability  | Not rapidly degradable |  |  |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics |                        |  |  |
| Persistence and degradability  | Not rapidly degradable |  |  |
| 2,6-Di-tert-butyl-p-cresol (128-37-0)                                |                        |  |  |
| Persistence and degradability  | Not rapidly degradable |  |  |

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

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

No additional information available

#### 12.6. Endocrine disrupting properties

No additional information available

#### 12.7. Other adverse effects

No additional information available

### **SECTION 13: Disposal considerations**

| 13.1 | . Wa | iste ti | eatm | ent i | meth | nod | S |
|------|------|---------|------|-------|------|-----|---|
|------|------|---------|------|-------|------|-----|---|

Sewage disposal recommendations

Additional information

European List of Waste (LoW, EC 2000/532)

**HP Code** 

- : Do not discharge into drains or rivers. Disposal must be done according to official regulations.
- : Dispose of waste cans and containers according to local regulations.
- : 08 01 11\* waste paint and varnish containing organic solvents or other dangerous substances

15 01 02 - plastic packaging

15 01 04 - metallic packaging

: HP3 - "Flammable:"

- flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
- flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
- flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
- flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
- water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
- other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
- HP5 "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

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### **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                               | IMDG   | IATA                              | ADN                               | RID                               |
|-----------------------------------|--|-----------------------------------|-----------------------------------|-----------------------------------|
| 14.1. UN number or ID n           | umber  |                                   |                                   |                                   |
| UN 1263                           | UN 1263  | UN 1263                           | UN 1263                           | UN 1263                           |
| 14.2. UN proper shipping          | g name   |                                   |                                   |                                   |
| PAINT                             | PAINT  | Paint                             | PAINT                             | PAINT                             |
| Transport document descri         | iption   |                                   |                                   |                                   |
| UN 1263 PAINT, 3, III,<br>(D/E)   | UN 1263 PAINT, 3, III  | UN 1263 Paint, 3, III             | UN 1263 PAINT, 3, III             | UN 1263 PAINT, 3, III             |
| 14.3. Transport hazard c          | class(es)  |                                   |                                   |                                   |
| 3                                 | 3  | 3                                 | 3                                 | 3                                 |
| ***                               |  |                                   | 3                                 |                                   |
| 14.4. Packing group               |  |                                   |                                   |                                   |
| III                               | III  | III                               | III                               | III                               |
| 14.5. Environmental haz           | ards   |                                   |                                   |                                   |
| Dangerous for the environment: No | Dangerous for the<br>environment: No<br>Marine pollutant: No | Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No |

### 14.6. Special precautions for user

### Overland transport

Classification code (ADR) : F1

Special provisions (ADR) : 163, 367, 650

Limited quantities (ADR) : 5I Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Special packing provisions (ADR) : PP1
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T2
Portable tank and bulk container special provisions : TP1, TP29

(ADR)

Tank code (ADR) : LGBF
Vehicle for tank carriage : FL
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Operation (ADR) : S2
Hazard identification number (Kemler No.) : 30

Orange plates : 3

30 1263

Tunnel restriction code (ADR) : D/E EAC code : •3Y

Transport by sea

Special provisions (IMDG) : 163, 223, 367, 955

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Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E1 Packing instructions (IMDG) : P001, LP01 Special packing provisions (IMDG) PP1 IBC packing instructions (IMDG) IBC03 Tank instructions (IMDG) T2 Tank special provisions (IMDG) TP1, TP29 EmS-No. (Fire) F-E EmS-No. (Spillage) : S-E Stowage category (IMDG) : A

Properties and observations (IMDG) : Miscibility with water depends upon the composition.

#### Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y344
PCA limited quantity max net quantity (IATA) : 10L
PCA packing instructions (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L

Special provisions (IATA) : A3, A72, A192

ERG code (IATA) : 3L

#### **Inland waterway transport**

Classification code (ADN) : F1

Special provisions (ADN) : 163, 367, 650

Limited quantities (ADN) : 5 L

Excepted quantities (ADN) : E1

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01

Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : F1

Special provisions (RID) : 163, 367, 650

Limited quantities (RID) : 5L Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T2
Portable tank and bulk container special provisions : TP1, TP29

(RID)

Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W12
Colis express (express parcels) (RID) : CE4
Hazard identification number (RID) : 30

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

Not applicable

### **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

#### **REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

#### **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

### **PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

#### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

### **Dual-Use Regulation (428/2009)**

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

#### VOC Directive (2004/42)

VOC content : < 440 g/l

#### **Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### **Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### **SECTION 16: Other information**

| Abbreviations and acronyms: |   |  |
|-----------------------------|---|--|
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road               |  |
| DNEL                        | Derived-No Effect Level   |  |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |  |
| SDS                         | Safety Data Sheet   |  |
| REACH                       | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |  |
| VOC                         | Volatile Organic Compounds  |  |
| PBT                         | Persistent Bioaccumulative Toxic  |  |
| vPvB                        | Very Persistent and Very Bioaccumulative  |  |

Data sources

: ECHA (European Chemicals Agency). REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Supplier's safety documents.

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4                             |
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1 |

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| Full text of H- and EUH-statements: |  |  |
|-------------------------------------|--|--|
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1                                |  |
| Asp. Tox. 1                         | Aspiration hazard, Category 1  |  |
| EUH066                              | Repeated exposure may cause skin dryness or cracking.  |  |
| EUH211                              | Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. |  |
| Flam. Liq. 3                        | Flammable liquids, Category 3  |  |
| H226                                | Flammable liquid and vapour.   |  |
| H304                                | May be fatal if swallowed and enters airways.  |  |
| H312                                | Harmful in contact with skin.  |  |
| H336                                | May cause drowsiness or dizziness.   |  |
| H400                                | Very toxic to aquatic life.  |  |
| H410                                | Very toxic to aquatic life with long lasting effects.  |  |
| H412                                | Harmful to aquatic life with long lasting effects.   |  |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Narcosis                           |  |

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.