

#### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 22/03/2023 Revision date: 09/06/2023 Supersedes version of: 05/06/2023 Version: 2.5

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

#### 1.1. Product identifier

Product form : Mixture

Product name : 525/C256 - ANTIFOULING 'A' PLUS - RED, WHITE, BLACK & BLUE

UFI : MR3Q-52HS-H00V-R6G4

Product code : 11165

Type of product : Biocidal products (e.g. Disinfectants, pest control)

Product group : Blend

Other means of identification : 525/C256/65P/1P/2P/4P

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

#### 1.2.1. Relevant identified uses

Main use category : Professional use

Use of the substance/mixture : Pesticides, non-agricultural (Biocides)

#### 1.2.2. Uses advised against

No additional information available

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

Supplier Distributor

Teal & Mackrill LtdTeal & Mackrill EU B.V.Lockwood StreetQueens TowersHull – East Yorkshire HU2 0HNDelflandlaan 1England1062 EA Amsterdam

T +44 (0)1482 320194 Netherlands

info@teamac.co.uk

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 Acute toxicity (inhalation:dust,mist) Category 4 H332 Serious eye damage/eye irritation, Category 2 H319 Skin sensitisation, Category 1 H317 Reproductive toxicity, Category 1A H360D Specific target organ toxicity - Repeated exposure, Category 2 H373 Hazardous to the aquatic environment - Acute Hazard, Category 1 H400 Hazardous to the aquatic environment - Chronic Hazard, Category 1 H410

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

#### Adverse physicochemical, human health and environmental effects

No additional information available

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#### 2.2. Label elements

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

Hazard pictograms (CLP)









GHS02

GHS07

GHS08

GHS09

Signal word (CLP)

Contains

: Danger

Hazard statements (CLP)

: ROSIN; Bis(1-hydroxy-2(1H)-pyridinthionato-O,S)zinc : H226 - Flammable liquid and vapour.

H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H360D - May damage the unborn child.

H410 - Very toxic 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 smokina.

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. EUH066 - Repeated exposure may cause skin dryness or cracking.

Extra phrases For professional users only.

#### 2.3. Other hazards

**EUH-statements** 

Contains no PBT/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 is 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 Regulation (EC) No. 1272/2008 [CLP]
COPPER (1) THIOCYANATE substance with national workplace exposure limit(s) (CZ, GB, SK)	CAS-No.: 1111-67-7 EC-No.: 207-337-4	≥ 30 - < 50	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
ROSIN	CAS-No.: 8050-09-7 EC-No.: 232-475-7 EC Index-No.: 650-015-00-7 REACH-no: 01-2119480418- 32	≥ 10 - < 30	Skin Sens. 1, H317

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Calcium Carbonate substance with a Community workplace exposure limit	CAS-No.: 1317-65-3 EC-No.: 215-279-6	≥ 10 – < 30	Not classified
HYDROCARBONS, C9, AROMATICS substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 64742-95-6 EC-No.: 918-668-5 REACH-no: 01-2119455851- 35	≥ 10 – < 30	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	EC-No.: 919-857-5 REACH-no: 01-2119463258- 33	≥ 5 – < 10	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
Zinc Oxide	CAS-No.: 1314-13-2 EC-No.: 215-222-5 EC Index-No.: 030-013-00-7 REACH-no: 01-2119463881- 32	≥1-<5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Bis(1-hydroxy-2(1H)-pyridinthionato-O,S)zinc (Active substance (Biocide)) substance with a Community workplace exposure limit	CAS-No.: 13463-41-7 EC-No.: 236-671-3 EC Index-No.: 613-333-00-7	≥1-<5	Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight) Acute Tox. 4 (Dermal), H312 (ATE=2000 mg/kg bodyweight) Acute Tox. 2 (Inhalation), H330 (ATE=0.05 mg/l/4h) Eye Dam. 1, H318 Repr. 1B, H360D STOT RE 1, H372 Aquatic Acute 1, H400 (M=1000) Aquatic Chronic 1, H410 (M=10)
Carbon Black substance with national workplace exposure limit(s) (GB)	CAS-No.: 1333-86-4 EC-No.: 215-609-9 REACH-no: 01-2119384822- 32	≥1-<5	Not classified
ETHANOL substance with national workplace exposure limit(s) (GB)	CAS-No.: 64-17-5 EC-No.: 200-578-6 REACH-no: 01-2119457610- 43	< 1	Flam. Liq. 2, H225 Eye Irrit. 2, H319
METHANOL substance with national workplace exposure limit(s) (GB)  Full text of H- and EUH-statements; see section 16	CAS-No.: 67-56-1 EC-No.: 200-659-6	<1	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight) Acute Tox. 3 (Dermal), H311 (ATE=300 mg/kg bodyweight) Acute Tox. 3 (Inhalation), H331 (ATE=0.5 mg/l/4h) STOT SE 1, H370

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

: Get medical advice/attention if you feel unwell. If possible, show the doctor this safety data sheet. Failing this, show the doctor the packaging or label.

First-aid measures after inhalation

: Get medical advice/attention if you feel unwell. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

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First-aid measures after skin contact

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Rinse mouth

: Wash skin with plenty of water.

thoroughly with water.

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

Symptoms/effects : The severity of the symptoms described will vary dependant on the concentration and the

length of exposure.

Symptoms/effects after inhalation : Inhalation may cause irritation (cough, short breathing, difficulty in breathing).

Symptoms/effects after skin contact : Causes skin irritation.
Symptoms/effects after eye contact : May cause eye irritation.

Symptoms/effects after ingestion : Ingestion may cause nausea and vomiting.

#### 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).

Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : Flammable liquid and vapour.

Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide. Toxic fumes may be released.

#### 5.3. Advice for firefighters

Precautionary measures fire : Avoid breathing (dust, vapor, mist, gas).

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.

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment. In case of inadequate ventilation wear

respiratory protection.

#### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas.

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

For containment : Absorb spilled material with sand or earth. Collect the residue by means of a non-

combustible absorbent material.

Methods for cleaning up : Notify authorities if product enters sewers or public waters. This material and its container

must be disposed of in a safe way, and as per local legislation.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

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

#### 7.1. Precautions for safe handling

Additional hazards when processed

: Obtain, read and follow all safety instructions before use. Handle empty containers with care because residual vapours are flammable. 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

Avoid contact with skin and eyes. Eliminate all ignition sources if safe to do so. 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

: Store in a well-ventilated place. Keep container tightly closed. 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

: Keep cool. Protect from sunlight. Keep only in original container.

Incompatible products

: Oxidizing agent. Strong acids. Strong bases.

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

METHANOL (67-56-1)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	266 mg/m³	
WEL TWA (OEL TWA) [2]	200 ppm	
WEL STEL (OEL STEL)	333 mg/m³	
WEL STEL (OEL STEL) [ppm]	250 ppm	
ETHANOL (64-17-5)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	1920 mg/m³	
WEL TWA (OEL TWA) [2]	1000 ppm	
Carbon Black (1333-86-4)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	3.5 mg/m³	
WEL STEL (OEL STEL)	7 mg/m³	

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Calcium Carbonate (1317-65-3)		
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	10 mg/m³ Inhalable Dust	
COPPER (1) THIOCYANATE (1111-67-7)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	1 mg/m³ Cu total dust	
WEL STEL (OEL STEL)	2 mg/m³ Cu total dust	
HYDROCARBONS, C9, AROMATICS (64742-95	5-6)	
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	100 mg/m³	
IOEL TWA [ppm]	25 ppm	
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	100 mg/m³ (8 hour)	
WEL TWA (OEL TWA) [2]	25 ppm (8 hour)	
Bis(1-hydroxy-2(1H)-pyridinthionato-O,S)zinc (13463-41-7)		
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	0.35 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

#### 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:

Wear respiratory protection.

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









#### 8.2.2.1. Eye and face protection

#### Eye protection:

Chemical goggles or safety glasses

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#### 8.2.2.2. Skin protection

#### Hand protection:

Protective gloves against chemicals (EN 374). 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]: The breakthrough time of the selected gloves must be greater than the intended use period.

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Combined respiratory protective device, for filtering gas and particles, with a specific canister

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### **Environmental exposure controls:**

Avoid release to the environment.

#### Consumer exposure controls:

Do not exceed the occupational exposure limits (OEL).

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

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

Physical state : Liquid

Colour : Various colours.

Appearance : Viscous liquid. Coloured liquid.

Odour : Not available : Not available Odour threshold Melting point : Not available Freezing point : Not available Boiling point : Not available Flammability : Not available **Explosive limits** : Not available Lower explosion limit : Not available : Not available Upper explosion limit Flash point : 38 °C Closed cup. Auto-ignition temperature : Not available Decomposition temperature : Not available

pH : Technically not feasible.

Viscosity, kinematic : Not available Viscosity, dynamic : 5 P @25 °C Solubility : insoluble in water. Partition coefficient n-octanol/water (Log Kow) : Not available : Not available Vapour pressure Vapour pressure at 50°C : Not available Density : Not available Relative density : 1.47 @ 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

No additional information available

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#### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions of use.

#### 10.3. Possibility of hazardous reactions

No additional information available

#### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### 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) : Harmful if inhaled.

#### 525/C256 - ANTIFOULING 'A' PLUS - RED, WHITE, BLACK & BLUE

ATE CLP (dust,mist) 1.753 mg/l/4h

#### Bis(1-hydroxy-2(1H)-pyridinthionato-O,S)zinc (13463-41-7)

LD50 dermal rat 2000 mg/kg

Skin corrosion/irritation : Not classified

pH: Technically not feasible.

#### **HYDROCARBONS, C9, AROMATICS (64742-95-6)**

pH Not available.

Serious eye damage/irritation : Causes serious eye irritation. pH: Technically not feasible.

#### **HYDROCARBONS, C9, AROMATICS (64742-95-6)**

pH Not available.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified Carcinogenicity : Not classified

Reproductive toxicity : May damage the unborn child.

STOT-single exposure : Not classified

#### **METHANOL (67-56-1)**

STOT-single exposure Causes damage to organs.

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

STOT-single exposure May cause drowsiness or dizziness.

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HYDROCARBONS, C9, AROMATICS (64742-95-6)		
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.	
STOT-repeated exposure :	May cause damage to organs through prolonged or repeated exposure.	
Bis(1-hydroxy-2(1H)-pyridinthionato-O,S)zinc (13463-41-7)		
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.	
Aspiration hazard :	Not classified	
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

(acute)

Hazardous to the aquatic environment, long-term

(chronic)

Not rapidly degradable

: Very toxic to aquatic life.

: Very toxic to aquatic life with long lasting effects.

#### 12.2. Persistence and degradability

No additional information available

#### 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. Waste treatment methods

Waste treatment methods Sewage disposal recommendations European List of Waste (LoW) code

- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- : Do not discharge into drains or rivers.
- : 08 01 11\* waste paint and varnish containing organic solvents or other dangerous substances

15 01 02 - plastic packaging 15 01 04 - metallic packaging

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**HP Code** 

- : 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  $^{\circ}\text{C}$  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.
  - HP6 "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.
  - HP13 "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.
  - HP14 "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

### **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 shippin	g name			
PAINT	PAINT	Paint	PAINT	PAINT
Transport document descr	iption			
UN 1263 PAINT, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT, 3, III, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS	UN 1263 Paint, 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard o	class(es)			
3	3	3	3	3
3	3	<b>1 1 1 1 1 1 1 1 1 1</b>	3	3
14.4. Packing group				
III	III	III	III	III
14.5. Environmental haz	ards			
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes

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#### 14.6. Special precautions for user

**Overland transport** 

: F1 Classification code (ADR)

163, 367, 650 Special provisions (ADR)

Limited quantities (ADR) : 51 : E1 Excepted quantities (ADR)

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

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)

: LGBF Tank code (ADR) : FL Vehicle for tank carriage 3 Transport category (ADR) V12 Special provisions for carriage - Packages (ADR) Special provisions for carriage - Operation (ADR) S2 30

Hazard identification number (Kemler No.) Orange plates

30 1263

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

Transport by sea

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

: 5 L Limited quantities (IMDG) 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)

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

A3, A72, A192 Special provisions (IATA)

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

: F1 Classification code (RID)

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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)

#### **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)

#### **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:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	

#### Safety Data Sheet

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

Abbreviations and acronyms:	
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet

Data sources

: 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. ECHA (European Chemicals Agency). Supplier's safety documents.

Full text of H- and EUH	Full text of H- and EUH-statements:		
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2		
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3		
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3		
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3		
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4		
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1		
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1		
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2		
Asp. Tox. 1	Aspiration hazard, Category 1		
EUH066	Repeated exposure may cause skin dryness or cracking.		
Eye Dam. 1	Serious eye damage/eye irritation, Category 1		
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2		
Flam. Liq. 2	Flammable liquids, Category 2		
Flam. Liq. 3	Flammable liquids, Category 3		
H225	Highly flammable liquid and vapour.		
H226	Flammable liquid and vapour.		
H301	Toxic if swallowed.		
H304	May be fatal if swallowed and enters airways.		
H311	Toxic in contact with skin.		
H312	Harmful in contact with skin.		
H317	May cause an allergic skin reaction.		
H318	Causes serious eye damage.		
H319	Causes serious eye irritation.		
H330	Fatal if inhaled.		
H331	Toxic if inhaled.		
H332	Harmful if inhaled.		
H335	May cause respiratory irritation.		
H336	May cause drowsiness or dizziness.		
H360D	May damage the unborn child.		

#### Safety Data Sheet

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

Full text of H- and EUH-statements:		
H370	Causes damage to organs.	
H372	Causes damage to organs through prolonged or repeated exposure.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
H411	Toxic to aquatic life with long lasting effects.	
Repr. 1B	Reproductive toxicity, Category 1B	
Skin Sens. 1	Skin sensitisation, Category 1	
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1	
STOT SE 1	Specific target organ toxicity – single exposure, Category 1	
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.