

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 15/05/2023 Revision date: 07/05/2024 Supersedes version of: 15/05/2023 Version: 2.0

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

#### 1.1. Product identifier

Product form : Mixture

428-A303 - METALASTIC ALUMINIUM PAINT Product name

Product code 10671 Type of product : Paint : Blend Product group Other means of identification : 428/A303/6

#### 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

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

### **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

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

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

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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.

EUH066 - Repeated exposure may cause skin dryness or cracking.

EUH-statements

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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 Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	EC-No.: 919-857-5 REACH-no: 01-2119463258- 33	≥ 10 - < 30	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
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
Zeolites substance with national workplace exposure limit(s) (GB)	CAS-No.: 1318-02-1 REACH-no: 01-2119429034- 49	≥1-<5	Acute Tox. 4 (Dermal), H312 (ATE=2000 mg/kg bodyweight)
NEODECANOATE ACID, COBALT SALT substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 27253-31-2 EC-No.: 248-373-0	< 0.1	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Sens. 1, H317 STOT RE 1, H372 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Dipropylene Glycol Methyl Ether substance with national workplace exposure limit(s) (GB)	CAS-No.: 34590-94-8 EC-No.: 252-104-2 REACH-no: 01-2119450011- 60	< 0.1	Not classified

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.

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. Get

medical advice/attention if you feel unwell.

First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash

immediately with plenty of water.

First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical

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

First-aid measures after ingestion : Do not induce vomiting. Get medical advice/attention.

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

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

### 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

Explosion hazard : Vapours may form explosive mixture with air.

#### 5.3. Advice for firefighters

Precautionary measures fire : Eliminate all ignition sources if safe to do so.

Firefighting instructions : Use water spray or fog for cooling exposed containers. Prevent fire fighting water from

entering the environment.

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 : No open flames. No smoking.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Do not breathe vapours. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

No additional information available

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### 6.2. Environmental precautions

Avoid release to the environment. Prevent liquid from entering sewers, watercourses, underground or low areas. Notify authorities if product enters sewers or public waters.

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

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

Methods for cleaning up : Collect spillage. This material and its container must be disposed of in a safe way, and as

per local legislation.

#### 6.4. Reference to other sections

See Section 8.

## **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

Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes. Do not breathe vapours. 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

: Keep container tightly closed. Keep only in original container.

Incompatible products

: Oxidizing agent. Strong acids.

5 - 25 °C

Storage temperature

### 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

HYDROCARBONS, C9, AROMATICS (64742-95-6)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	100 mg/m³
	25 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA)	100 mg/m³ (8 hour)
	25 ppm (8 hour)

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Zeolites (1318-02-1)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA)	10 mg/m³
NEODECANOATE ACID, COBALT SALT (27253-31-2)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	0.1 mg/m³
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA)	0.1 mg/m³
Dipropylene Glycol Methyl Ether (34590-94-8)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA)	308 mg/m³
	50 ppm

#### 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. Personal, workplace, environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Ensure the ventilation system is regularly maintained and tested.

#### 8.2.2. Personal protection equipment

## 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:

Gloves. 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

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#### 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

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

Avoid release to the environment.

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

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

Physical state : Liquid Colour : Silver.

Appearance : Metallic. Viscous liquid.

Odour : Not available Odour threshold : Not available : Not available Melting point Freezing point : Not available : Not available Boiling point Flammability : Not available Lower explosion limit : Not available Upper explosion limit : Not available

Flash point : 41 approx.°C Closed cup.

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

pH : Technically not feasible.

Viscosity, kinematic  $> 20.5 \text{ mm}^2/\text{s}$ Viscosity, dynamic : 1.1 @ 25°C Solubility : insoluble in water. Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50°C : Not available Density : Not available : 1.01 @ 20°C Relative density 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 : < 431 g/l

## **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

Not established.

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### 10.4. Conditions to avoid

Avoid ignition sources. Avoid open fire or flames.

### 10.5. Incompatible materials

Acids. 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

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral
	T 1 1 1 1

Toxicity)

#### **Zeolites (1318-02-1)**

LD50 oral rat	32000 mg/kg
LD50 dermal rabbit	2000 mg/kg

#### **NEODECANOATE ACID, COBALT SALT (27253-31-2)**

LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal
	Toxicity)

Skin corrosion/irritation : Not classified

pH: Technically not feasible.

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

	الما	Not available
	DH	INOLAVAIIADIE.

Serious eye damage/irritation : Not classified

pH: Technically not feasible.

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

рН	Not available.	
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.

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

STOT-single exposure May cause drowsiness or dizziness. May cause respiratory irritation.

STOT-repeated exposure : Not classified

#### **NEODECANOATE ACID, COBALT SALT (27253-31-2)**

LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.31 mg/l air Animal: rat
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

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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

Ecology - water : May cause long lasting harmful effects to aquatic life.

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

(acute)

Hazardous to the aquatic environment, long-term : Harmful to aquatic life with long lasting effects.

(chronic)

#### **NEODECANOATE ACID, COBALT SALT (27253-31-2)**

EC50 - Crustacea [1] 5.89 mg/l Test organisms (species): Daphnia magna

#### 12.2. Persistence and degradability

## **428-A303 - METALASTIC ALUMINIUM PAINT**

Persistence and degradability The product is not expected to be biodegradable.

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

Persistence and degradability Not rapidly degradable

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

Persistence and degradability Not rapidly degradable

**Zeolites (1318-02-1)** 

Persistence and degradability Not rapidly degradable

### **NEODECANOATE ACID, COBALT SALT (27253-31-2)**

Persistence and degradability Not rapidly degradable

### Dipropylene Glycol Methyl Ether (34590-94-8)

Persistence and degradability Not rapidly degradable

## 12.3. Bioaccumulative potential

#### **428-A303 - METALASTIC ALUMINIUM PAINT**

Bioaccumulative potential Not established.

### 12.4. Mobility in soil

No additional information available

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

#### **428-A303 - METALASTIC ALUMINIUM PAINT**

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

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#### **428-A303 - METALASTIC ALUMINIUM PAINT**

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### 12.6. Endocrine disrupting properties

No additional information available

#### 12.7. Other adverse effects

Other adverse effects

 This product contains Volatile Organic Compounds (VOCs) which have a photochemical ozone creation potential.

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

#### 13.1. Waste treatment methods

Regional waste regulation

Sewage disposal recommendations

Product/Packaging disposal recommendations

**Ecological information** 

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

HP Code

: Disposal must be done according to official regulations.

: Do not discharge into drains or rivers.

: a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

: Avoid release to the environment.

 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

## **SECTION 14: Transport information**

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 1263	UN 1263	UN 1263	UN 1263	Not applicable
14.2. UN proper shipping name				
PAINT / PAINT RELATED MATERIAL	PAINT	Paint	PAINT	Not applicable
Transport document description				
UN 1263 PAINT / PAINT RELATED MATERIAL, 3, III, (D/E)	UN 1263 PAINT, 3, III	UN 1263 Paint, 3, III	UN 1263 PAINT, 3, III	Not applicable

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ADR	IMDG	IATA	ADN	RID
14.3. Transport hazard o	class(es)			
3	3	3	3	Not applicable
3	3	3	3	Not applicable
14.4. Packing group				
III	III	III	III	Not applicable
14.5. Environmental haz	zards			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Not applicable
No supplementary information	n available	1	I	1

#### 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

Hazard identification number (Kemler No.) : 30 Orange plates :

30 1263

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

### Transport by sea

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

Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E1 : P001, LP01 Packing instructions (IMDG) : PP1 Special packing provisions (IMDG) 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

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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

Special provisions (IATA) . AS, A72,

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

Not applicable

#### 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

Other information, restriction and prohibition regulations

: Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and all its amendments and modifications. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 and all its amendments and modifications.

#### **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)

### **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 : < 431 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)

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### **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:		
CAS-No.	Chemical Abstract Service number	
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	
ATE	Acute Toxicity Estimate	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
DNEL	Derived-No Effect Level	
IATA	International Air Transport Association	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
VOC	Volatile Organic Compounds	

Data sources

 Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013. ECHA (European Chemicals Agency).

Full text of H- and EUH-statements:		
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Asp. Tox. 1	Aspiration hazard, Category 1	
EUH066	Repeated exposure may cause skin dryness or cracking.	
Flam. Liq. 3	Flammable liquids, Category 3	
H226	Flammable liquid and vapour.	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H312	Harmful in contact with skin.	
H317	May cause an allergic skin reaction.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H372	Causes damage to organs through prolonged or repeated exposure.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	

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

Full text of H- and EUH-statements:		
Skin Sens. 1	Skin sensitisation, Category 1	
STOT RE 1	Specific target organ toxicity – Repeated 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.