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# Spatt Free N 500ml

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

### 1.1. Product identifier

Trade name/designation:

### Spatt Free N 500ml

#### **Article No.:**

T371001

UFI:

JF5J-3KFJ-HC23-J7TT

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

Metal surface treatment

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

### Supplier:

#### **KANDO Service GmbH**

Hartleitnerstraße 3 4653 Eberstalzell

Austria

**Telephone:** +43 (0) 7241 213 79

E-mail: msds@kando.eu

### 1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

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

### 2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Aerosols (Aerosol 3)	H229: Pressurised container: May burst if heated.	

#### 2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Signal word: Warning

Hazard statements for physical hazards	
H229	Pressurised container: May burst if heated.

Precautionary statements Prevention			
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.		
P251	Do not pierce or burn, even after use.		
P260	Do not breathe mist/vapours/spray.		
P271	Use only outdoors or in a well-ventilated area.		
P280	Wear protective gloves/eye protection.		

<b>Precautionary stat</b>	ements Storage
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Precautionary stat	ements Disposal
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

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### 2.3. Other hazards

#### Other adverse effects:

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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

### 3.2. Mixtures

#### **Description:**

Active ingredient mixture with propellant gas

#### Additional information:

Aerosols and containers fitted with a solid nebuliser containing substances or mixtures classified as hazardous by aspiration must not be labelled for this hazard.

#### Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 56-81-5 EC No.: 200-289-5	glycerol The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	2.5 - < 10 Vol-%
CAS No.: 112-34-5 EC No.: 203-961-6 REACH No.: 01-2119475104-44	2-(2-butoxyethoxy)ethanol Substance with a community workplace exposure limit.	1 - < 2.5 Vol-%
CAS No.: 7173-51-5 EC No.: 230-525-2 REACH No.: 01-2119945987-15	didecyldimethylammonium chloride Acute Tox. 3 (H301), Aquatic Acute 1 (H400), Aquatic Chronic 2 (H411), Eye Dam. 1 (H318), Skin Corr. 1B (H314)  Danger M-factor (acute): 10	≥ 0.1 - < 0.25 Vol-%

Full text of H- and EUH-phrases: see section 16.

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

### 4.1. Description of first aid measures

### Following inhalation:

Fresh air supply, consult a doctor in case of complaints.

#### In case of skin contact:

In general, the product is not irritating to skin.

#### After eve contact:

Rinse opened eye for several minutes under running water. Consult a doctor if symptoms persist

#### Following ingestion:

Do not induce vomiting, seek medical help immediately.

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

No further relevant information available.

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

No further relevant information available.

# **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Water mist, Extinguishing powder, Carbon dioxide (CO2), alcohol resistant foam Adapt fire extinguishing measures to the surroundings.

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

No further relevant information available.

### 5.3. Advice for firefighters

Special protective equipment: Put on breathing apparatus.

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### **SECTION 6: Accidental release measures**

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

### 6.1.1. For non-emergency personnel

#### Personal precautions:

Not required.

### 6.1.2. For emergency responders

No data available

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. In case of spillage into water or sewage system, inform the competent authorities.

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

#### For cleaning up:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### Other information:

Provide adequate ventilation.

### 6.4. Reference to other sections

Further information on proper storage: see section 7.

For further information on personal protective equipment: see section 8.

For further information on disposal: see section 13.

#### 6.5. Additional information

No hazardous substances are released.

# **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

#### **Protective measures**

#### Advices on safe handling:

Ensure good ventilation/extraction at the workplace.

### Fire prevent measures:

Do not spray on naked flames or any incandescent material.

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

### Requirements for storage rooms and vessels:

Store in a cool place. The official regulations for the storage of pressurised gas packages must be observed.

#### Hints on storage assembly:

The official regulations for the storage of pressurised gas packages must be observed.

Storage class (TRGS 510, Germany): 2B - Aerosol dispensers and lighters

### Further information on storage conditions:

Store in a cool, dry place in well-sealed containers. Protect from heat and direct sunlight.

### 7.3. Specific end use(s)

### **Recommendation:**

No further relevant information available.

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# **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	<ol> <li>Long-term occupational exposure limit value</li> <li>Short-term occupational exposure limit value</li> <li>Instantaneous value</li> <li>Monitoring and observation processes</li> <li>Remark</li> </ol>
MAK (AT) from 11 Sept 2007	<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	② 15 ppm (101.2 mg/m³) ⑤ (max. 4x15 min./Schicht)
IOELV (EU)	<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	① 10 ppm (67.5 mg/m³) ② 15 ppm (101.2 mg/m³)
MAK (AT) from 11 Sept 2007	<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	① 10 ppm (67.5 mg/m³)

### 8.1.2. Biological limit values

No data available

### 8.1.3. DNEL-/PNEC-values

Substance name DNEL value		① DNEL type	
		② Exposure route	
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	40.5 mg/m³	① DNEL Consumer ② Long-term – inhalation, systemic effects	
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	67.5 mg/m³	DNEL worker     Long-term – inhalation, local effects	
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	40.5 mg/m <sup>3</sup>	① DNEL Consumer ② Long-term – inhalation, local effects	
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	101.2 mg/m <sup>3</sup>	DNEL worker     Acute - inhalation, local effects	
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	60.7 mg/m <sup>3</sup>	DNEL Consumer     Acute - inhalation, local effects	
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	83 mg/kg bw/ day	① DNEL worker ② Long-term - dermal, systemic effects	
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	50 mg/kg bw/ day	DNEL Consumer     Long-term - dermal, systemic effects	
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	6.25 mg/kg	DNEL Consumer     Long-term - oral, systemic effects	
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	5 mg/kg bw/ day	① DNEL Consumer ② Long-term - oral, systemic effects	

Substance name	PNEC Value	① PNEC type
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	1.1 mg/L	① PNEC aquatic, freshwater
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	0.11 mg/L	① PNEC aquatic, marine water

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Substance name	PNEC Value	① PNEC type
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	200 mg/L	① PNEC sewage treatment plant
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	4.4 mg/kg	① PNEC sediment, freshwater
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	0.44 mg/kg	① PNEC sediment, marine water
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	0.32 mg/kg	① PNEC soil
<b>2-(2-butoxyethoxy)ethanol</b> CAS No.: 112-34-5 EC No.: 203-961-6	56 mg/kg	① PNEC secondary poisoning
didecyldimethylammonium chloride CAS No.: 7173-51-5 EC No.: 230-525-2	0.0011 mg/L	① PNEC aquatic, freshwater
didecyldimethylammonium chloride CAS No.: 7173-51-5 EC No.: 230-525-2	0.00011 mg/L	① PNEC aquatic, marine water
didecyldimethylammonium chloride CAS No.: 7173-51-5 EC No.: 230-525-2	0.14 mg/L	① PNEC sewage treatment plant
didecyldimethylammonium chloride CAS No.: 7173-51-5 EC No.: 230-525-2	61.86 mg/kg	① PNEC sediment, freshwater
didecyldimethylammonium chloride CAS No.: 7173-51-5 EC No.: 230-525-2	6.186 mg/kg	① PNEC sediment, marine water
didecyldimethylammonium chloride CAS No.: 7173-51-5 EC No.: 230-525-2	1.4 mg/kg	① PNEC soil

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No further details. See section 7.

#### 8.2.2. Personal protection equipment





#### Eye/face protection:

Safety goggles (EN-166)

## Skin protection:

Hand protection:

Wear gloves for protection against chemicals according to EN 374.

Gloves / solvent resistant

Selection of glove material considering breakthrough times, permeation rates and degradation. Glove material:

The selection of a suitable glove depends not only on the material but also on other quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use. NBR (Nitrile rubber)

Recommended material thickness: ≥ 0,5 mm Permeation time (maximum wear duration):

For continuous contact we recommend gloves with a breakthrough time of at least 240 minutes, with the preference for a breakthrough time greater than 480 minutes. For short term or splash protection

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we recommend the same. We are aware that suitable gloves offering this protection are not available. In this case, a shorter breakthrough time is permissible, provided the procedures for maintenance and timely replacement are followed. The thickness of the gloves is not a good measure of the resistance the gloves give against a chemical substance, as this depends on the exact composition of the material of the gloves. The exact breakthrough time should be checked with the glove manufacturer and adhered to.

#### Body protection:

Use protective suit. (EN-13034/6)

Antistatic, chemical and oil resistant clothing and safety shoes are recommended. (EN1149; EN340&EN ISO 13688 EN13034-6).

### Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Filter A2/P2

#### Other protection measures:

General protective and hygienic measures: Remove contaminated, saturated clothing immediately. Keep away from food, drink and animal feed. Wash hands before breaks and after work. Do not inhale gases/vapours/aerosols. General ventilation.

### 8.2.3. Environmental exposure controls

Use a suitable container to prevent environmental pollution.

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

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

#### **Appearance**

Physical state: Aerosol Colour: pink

Odour: characteristic Odour threshold: not determined

#### Safety relevant basis data

Parameter	Value	at °C	① Method
			② Remark
На	not applicable		② Mixture is not polar/aprotic.
Initial boiling point and boiling range	100 °C		
Flash point	> 100 °C		
Evaporation rate	No data available		
Auto-ignition temperature	400 °C		
Upper/lower flammability or explosive limits	0.9 – 5.9 Vol-%		
Vapour pressure	83,000 hPa	20 °C	
Density	1.013 g/cm <sup>3</sup>	20 °C	
Bulk density	not applicable		
Water solubility	Immiscible		
Dynamic viscosity	0.952 mPa* s	20 °C	

#### 9.2. Other information

The product is not self-igniting. The product is not explosive, but the formation of explosive vapour/air mixtures is possible. formation of explosive vapour/air mixtures is possible.

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

#### **Explosives:**

Not applicable

#### Flammable gases:

Not applicable

### Aerosols:

Pressurised container: May burst if heated.

### Oxidizing gases:

Not applicable

### **Gases under pressure:**

Not applicable

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#### Flammable liquids:

Not applicable

#### Flammable solids:

Not applicable

### Self-reactive substances and mixtures:

Not applicable

#### **Pyrophoric liquids:**

Not applicable

### **Pyrophoric solids:**

Not applicable

### Self-heating substances and mixtures:

Not applicable

#### Substances or mixtures which, in contact with water, emit flammable gases:

Not applicable

### **Oxidizing liquids:**

Not applicable

### Oxidizing solids:

Not applicable

#### Organic peroxides:

Not applicable

#### **Corrosive to metals:**

Not applicable

#### **Desensitised explosives:**

Not applicable

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

### 10.1. Reactivity

No further relevant information available.

### 10.2. Chemical stability

Thermal decomposition / Conditions to avoid: No decomposition when used as directed.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

#### 10.4. Conditions to avoid

No further relevant information available.

### 10.5. Incompatible materials

No further relevant information available.

### 10.6. Hazardous decomposition products

No dangerous decomposition products known.

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

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

**2-(2-butoxyethoxy)ethanol** CAS No.: 112-34-5 EC No.: 203-961-6

**LD<sub>50</sub> oral:** >2,000 mg/kg (Rat)

 $LD_{50}$  dermal: >2,000 mg/kg (Rat)

LC<sub>50</sub> Acute inhalation toxicity (vapour): >20 mg/L (Rat)

didecyldimethylammonium chloride CAS No.: 7173-51-5 EC No.: 230-525-2

LD<sub>50</sub> dermal: 3,342 mg/kg (Rabbit)

### Acute oral toxicity:

Based on available data, the classification criteria are not met.

### Acute dermal toxicity:

Based on available data, the classification criteria are not met.

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#### Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation:

Based on available data, the classification criteria are not met.

### Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

### Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

#### Carcinogenicity:

Based on available data, the classification criteria are not met.

### Reproductive toxicity:

Based on available data, the classification criteria are not met.

#### **STOT-single exposure:**

Based on available data, the classification criteria are not met.

### **STOT-repeated exposure:**

Based on available data, the classification criteria are not met.

#### **Aspiration hazard:**

Based on available data, the classification criteria are not met.

#### 11.2. Information on other hazards

#### **Endocrine disrupting properties:**

None of the ingredients are included.

## **SECTION 12: Ecological information**

### 12.1. Toxicity

2-(2-butoxyethoxy)ethanol	CAS No.: 112-34-5	FC No.:	203-961-6

LC<sub>50</sub>: 2,780 mg/L 4 d (fish, Pimephales promelas)

LC<sub>50</sub>: 1,300 mg/L 4 d (fish, Lepomis macrochirus)

EC<sub>50</sub>: >100 mg/L 2 d (crustaceans, Daphnia magna)

ErC<sub>50</sub>: >100 mg/L (Algae/water plant, Scenedesmus subspicatus)

EC<sub>50</sub>: 4,950 mg/L 2 d (crustaceans, Daphnia magna)

ErC<sub>50</sub>: >100 mg/L (Algae/water plant, Scenedesmus subspicatus)

**EC<sub>50</sub>:** 4,950 mg/L (crustaceans)

### didecyldimethylammonium chloride CAS No.: 7173-51-5 EC No.: 230-525-2

**LC<sub>50</sub>:** 0.19 mg/L 4 d (fish, Pimephales promelas)

EC<sub>50</sub>: 0.062 mg/L 2 d (crustaceans, Daphnia)

NOEC: 0.01 mg/L (crustaceans, Daphnia magna)

NOEC: 0.032 mg/L (fish, Danio rerio)

#### Aquatic toxicity:

No further relevant information available.

### 12.2. Persistence and degradability

**2-(2-butoxyethoxy)ethanol** CAS No.: 112-34-5 EC No.: 203-961-6

Biodegradation: Yes, rapidly

**Remark:** Readily biodegradable (according to OECD criteria).

didecyldimethylammonium chloride CAS No.: 7173-51-5 EC No.: 230-525-2

Biodegradation: Yes, rapidly

### **Biodegradation:**

Not readily biodegradable.

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#### **Additional information:**

No further relevant information available.

### 12.3. Bioaccumulative potential

2-(2-butoxyethoxy)ethanol	CAS No.: 112-34-5	EC No.: 203-961-6
<b>Log K<sub>OW</sub>:</b> 0.56		
didecyldimethylammonium c	hloride CAS No.:	7173-51-5 EC No.: 230-525-2
Bioconcentration factor (Bo	CF): 81	

#### **Accumulation / Evaluation:**

No further relevant information available.

### 12.4. Mobility in soil

No further relevant information available.

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

2-(2-butoxyethoxy)ethanol	CAS No.: 112-34-5 EC No.: 203-961-6
Results of PBT and vPvB a	ssessment: —
didecyldimethylammonium o	<b>:hloride</b> CAS No.: 7173-51-5 EC No.: 230-525-2
Results of PBT and vPvB a	ssessment: —

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Endocrine disrupting properties

The product does not contain any substances with endocrine-disrupting properties.

#### 12.7. Other adverse effects

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Must not be disposed of together with household waste. Do not allow to enter into surface water or drains.

### 13.1.1. Product/Packaging disposal

# Waste codes/waste designations according to EWC/AVV

### Waste code packaging

15 01 04 metallic packaging

### **Waste treatment options**

### Appropriate disposal / Package:

Uncleaned packaging: Dispose of waste according to applicable legislation.

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

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or	ID number	,	
UN 1950	UN 1950	UN 1950	UN 1950
14.2. UN proper ship	ping name		
AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS, non-flammable
14.3. Transport hazard class(es)			
2	<b>*</b>		
2.2	2.2	2.2	2.2
14.4. Packing group			
		-	

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.5. Environmental	hazards		
No	No	No	No
14.6. Special precautions for user			
Special Provisions: 190   327   344   625  Limited quantity (LQ): 1 L  Excepted Quantities (EQ): E0  Classification code: 5A  Tunnel restriction code: (E)  Remark: Attention: Gases	Special Provisions: 190   327   344   625 Limited quantity (LQ): 1 L Excepted Quantities (EQ): E0 Classification code: 5A Remark: Attention: Gases	Special Provisions: 63   190   277   327   344   381   959  Limited quantity (LQ): Siehe SV277  Excepted Quantities (EQ): E0  EmS-No.: F-D, S-U  Remark: Attention: Gases	Special Provisions: A98   A145   A167 Limited quantity (LQ): Y203 Excepted Quantities (EQ): E0 Remark: Attention: Gases

# 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 legislation

#### **Authorisations:**

Directive 2012/18/EU

Named dangerous substances - ANNEX I: None of the ingredients are included.

#### Restrictions on use:

Regulation (EC) No 1907/2006 ANNEX XVII: Restriction conditions: 3

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II: None of the ingredients are included.

Regulation (EU) 2019/1148

Annex I - RESTRICTED EXPORT SUBSTANCES FOR EXPLOSIVES (upper concentration limit for a permit pursuant to Article 5(3)): None of the ingredients are included.

Annex II - EXPLOSIVES REPORTABLE FOR EXPLOSIVES: None of the ingredients are included.

Regulation (EC) No 273/2004 on drug precursors: None of the ingredients are included.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade in drug precursors between the Community and third countries: None of the ingredients are included.

### Other regulations (EU):

This product is not assigned to a hazard category.

Named dangerous substances:

• Liquefied flammable gases, Category 1 or 2 (including liquefied petroleum gas) and natural gas

### Directive 2004/42/EC on the limitation of emissions of volatile organic compounds:

Volatile organic compounds (VOC) content in percent by weight: 16.2 g/L

#### 15.1.2. National regulations

No data available

### 15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out.

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

### 16.1. Indication of changes

No data available

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### 16.2. Abbreviations and acronyms

American Conference of Governmental Industrial Hygienists

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland

Waterways

European Agreement concerning the International Carriage of Dangerous Goods by Road **ADR** 

**Bioconcentration Factor BCF** CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging

derived no-effect level DNEL Effective Concentration 50%  $EC_{50}$ 

ΕN European Standard ES Exposure scenario

European Waste Catalogue **EWC** 

**ICAO** International Civil Aviation Organization **IMDG** International Maritime Dangerous Goods International Maritime Organization IMO

body weight KG

Lethal (fatal) Concentration 50%  $LC_{50}$ 

 $LD_{50}$ Lethal (fatal) Dose 50%

Maximum concentration in the workplace air (CH) MAK

**NFPA** National Fire Protection Association

NIOSH National Institute for Occupational Safety & Health

No Observed Effect Concentration NOEC

Organisation for Economic Cooperation and Development OECD

Occupational Safety & Health Administration OSHA persistent and bioaccumulative and toxic PBT **PNEC** Predicted No Effect Concentration

**QSAR** Quantitative Structure-Activity Relationship

Registration, Evaluation and Authorization of Chemicals REACH Dangerous goods regulations for transport by rail RID

Technische Regeln für Gefahrstoffe **TRGS** 

UN **United Nations** 

VOC Volatile organic compounds central nervous system

#### 16.3. Key literature references and sources for data

No data available

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Aerosols (Aerosol 3)	H229: Pressurised container: May burst if heated.	

### 16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

### 16.6. Training advice

No data available

#### 16.7. Additional information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

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completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.