



Prestone



## SAFETY DATA SHEET Iron Active Wheel Cleaner

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

#### 1.1. Product identifier

<b>Product name</b>	Iron Active Wheel Cleaner
<b>Product number</b>	SAPP0179A, HAPP0116A
<b>Internal identification</b>	NQA2440
<b>UFI</b>	UFI: VGR6-U0SP-200E-ED3D
<b>REACH registration notes</b>	This is a MIXTURE; no registration information contained in this document . Holts are classed as Downstream User.

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

<b>Identified uses</b>	Car maintenance product. Cleaning agent.
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#### 1.3. Details of the supplier of the safety data sheet

<b>Supplier</b>	Holt Lloyd International Ltd Barton Dock Road Stretford Manchester M32 0YQ - England, UK +44 (0) 161 866 4800 FAX +44 (0) 161 866 4854 www.holtsauto.com
<b>Contact person</b>	Contact Email address: info@holtsauto.com

#### 1.4. Emergency telephone number

<b>Emergency telephone</b>	UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs
<b>National emergency telephone number</b>	National Poisons Information Service City Hospital, Birmingham B187QH, United Kingdom Telephone: +44 121 507 4123 Email: allistervale@npis.org, sallybradberry@npis.org  www.npis.org

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Eye Dam. 1 - H318 Skin Sens. 1 - H317
<b>Environmental hazards</b>	Not Classified

#### 2.2. Label elements

## Iron Active Wheel Cleaner

### Hazard pictograms



### Signal word

Danger

### Hazard statements

H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.

### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P501 Dispose of contents/ container in accordance with national regulations.

### UFI

UFI: VGR6-U0SP-200E-ED3D

### Contains

Sodium Thioglycolate, Sodium lauryl ether sulphate

### Detergent labelling

< 5% anionic surfactants, Contains Benzylhemiformal

### 2.3. Other hazards

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

#### 3.2. Mixtures

<b>Sodium Thioglycolate</b> <span style="float: right;"><b>5-10%</b></span>		
CAS number: 367-51-1	EC number: 206-696-4	REACH registration number: 01-2119968564-24-XXXX
<b>Classification</b>		
Met. Corr. 1 - H290		
Acute Tox. 3 - H301		
Acute Tox. 4 - H312		
Skin Sens. 1B - H317		
<b>Sodium lauryl ether sulphate</b> <span style="float: right;"><b>1-5%</b></span>		
CAS number: 68891-38-3	EC number: 500-234-8	REACH registration number: 01-2119488639-16-XXXX
<b>Classification</b>		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Aquatic Chronic 3 - H412		

## Iron Active Wheel Cleaner

<b>Sodium N-Lauroyl Sarcosinate</b>	<b>&lt;1%</b>
CAS number: 137-16-6	EC number: 205-281-5
	REACH registration number: 01-2119527780-39-XXXX

<b>Classification</b>
Acute Tox. 2 - H330
Skin Irrit. 2 - H315
Eye Dam. 1 - H318

<b>Benzylhemiformal</b>	<b>&lt;1%</b>
CAS number: 14548-60-8	EC number: 238-588-8

<b>Classification</b>
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
STOT SE 3 - H335

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Treat symptomatically.
<b>Inhalation</b>	Unlikely route of exposure as the product does not contain volatile substances.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	This is unlikely to occur but symptoms similar to those of ingestion may develop.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May cause an allergic skin reaction. May cause skin irritation. Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	Causes serious eye damage. Prolonged contact causes serious eye and tissue damage.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

## Iron Active Wheel Cleaner

**Suitable extinguishing media** The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards** Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

**Hazardous combustion products** Oxides of carbon. Oxides of nitrogen. Oxides of sulphur.

### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Avoid release to the environment. Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. For waste disposal, see Section 13.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

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

**Storage precautions** Keep away from food, drink and animal feeding stuffs. Store in a cool and well-ventilated place. Keep only in the original container.

**Storage class** Chemical storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

Sodium lauryl ether sulphate (CAS: 68891-38-3)

## Iron Active Wheel Cleaner

<b>DNEL</b>	<p>Workers - Inhalation; Long term systemic effects: 175 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 2750 mg/kg/day</p> <p>Workers - Dermal; Long term local effects: 132 µg/cm<sup>2</sup></p> <p>General population - Inhalation; Long term systemic effects: 52 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 1650 mg/kg/day</p> <p>General population - Dermal; Long term local effects: 79 µg/cm<sup>2</sup></p> <p>General population - Oral; Long term systemic effects: 15 mg/kg/day</p>
<b>PNEC</b>	<p>Fresh water; 0.24 mg/l</p> <p>Intermittent release; 0.071 mg/l</p> <p>marine water; 0.024 mg/l</p> <p>STP; 10 g/l</p> <p>Sediment (Freshwater); 0.917 mg/kg sediment dw</p> <p>Sediment (Marinewater); 0.092 mg/kg sediment dw</p> <p>Soil; 7.5 mg/kg soil dw</p>

### Sodium N-Lauroyl Sarcosinate (CAS: 137-16-6)

<b>DNEL</b>	<p>Workers - Inhalation; Long term systemic effects: 70.53 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 20 mg/kg bw/day</p> <p>General population - Inhalation; Long term systemic effects: 17.39 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 10 mg/kg bw/day</p> <p>General population - Oral; Long term systemic effects: 10 mg/kg bw/day</p>
<b>PNEC</b>	<p>Fresh water; Long term 0.009 mg/l</p> <p>marine water; Long term 0.001 mg/l</p> <p>STP; Long term 3 mg/l</p> <p>Sediment (Freshwater); Long term 0.064 mg/kg sediment dw</p> <p>Sediment (Marinewater); Long term 0.006 mg/l</p> <p>Soil; Long term 0.008 mg/kg soil dw</p>

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

No specific ventilation requirements.

### Eye/face protection

Wear chemical splash goggles.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374.

### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene measures

Wash hands thoroughly after handling.

### Respiratory protection

Respiratory protection not required.

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

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

#### Appearance

Clear liquid.

## Iron Active Wheel Cleaner

Colour	Clear.
Odour	Sulphur.
pH	pH (concentrated solution): 7
Flash point	Not applicable.
Relative density	1.054 @ 20°C
Solubility(ies)	Miscible with water.

### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

##### 10.2. Chemical stability

**Stability** Stable under the prescribed storage conditions.

##### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not applicable. Will not polymerise.

##### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat. Avoid freezing.

##### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

##### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Oxides of carbon. Oxides of nitrogen. Sulphurous gases (SOx).

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 2,500.0

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)** 11,956.52

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE inhalation (dusts/mists mg/l)** 16.67

##### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

## Iron Active Wheel Cleaner

### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

### Skin sensitisation

**Skin sensitisation** May cause an allergic skin reaction.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** Not relevant.

### **Inhalation**

This is unlikely to occur but symptoms similar to those of ingestion may develop.

### **Ingestion**

May cause discomfort if swallowed.

### **Skin contact**

May cause an allergic skin reaction. May cause skin irritation. Prolonged and frequent contact may cause redness and irritation.

### **Eye contact**

Causes serious eye damage. Prolonged contact causes serious eye and tissue damage.

### **Acute and chronic health hazards**

No specific long-term effects known.

### **Route of exposure**

Dermal

### **Target organs**

No specific target organs known.

### Toxicological information on ingredients.

#### Sodium Thioglycolate

##### Acute toxicity - oral

**ATE oral (mg/kg)** 100.0

##### Acute toxicity - dermal

**ATE dermal (mg/kg)** 1,100.0

#### Sodium lauryl ether sulphate

**Toxicological effects** No information available.

##### Acute toxicity - oral

## Iron Active Wheel Cleaner

<b>Notes (oral LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Causes serious eye damage.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Based on available data the classification criteria are not met.
<b>Genotoxicity - in vivo</b>	Based on available data the classification criteria are not met.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Does not contain any substances known to be toxic to reproduction.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not relevant.
<b><u>Inhalation</u></b>	
<b>Inhalation</b>	May cause respiratory system irritation.
<b><u>Ingestion</u></b>	
<b>Ingestion</b>	Gastrointestinal symptoms, including upset stomach.
<b><u>Skin contact</u></b>	
<b>Skin contact</b>	Causes skin irritation.
<b><u>Eye contact</u></b>	
<b>Eye contact</b>	Causes serious eye damage.

### Sodium N-Lauroyl Sarcosinate

#### Acute toxicity - oral



## Iron Active Wheel Cleaner

<b>Notes (oral LD<sub>50</sub>)</b>	LD <sub>50</sub> > 5000 mg/kg, Oral, Rat
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	No information available.
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	LC <sub>50</sub> 0.05-0.5 mg/l, Inhalation, Rat
<b>ATE inhalation (dusts/mists mg/l)</b>	0.05
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Not irritating.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	No information available.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Not sensitising.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Negative.
<b>Genotoxicity - in vivo</b>	Negative.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	No information available.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	No information available.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	No information available.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	No information available.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not relevant.
<b><u>Benzylhemiformal</u></b>	
<b><u>Acute toxicity - oral</u></b>	
<b>ATE oral (mg/kg)</b>	500.0
<b><u>Acute toxicity - dermal</u></b>	
<b>ATE dermal (mg/kg)</b>	1,100.0

### SECTION 12: Ecological information

**Ecotoxicity** No information available.

## Iron Active Wheel Cleaner

### Ecological information on ingredients.

#### Sodium lauryl ether sulphate

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

#### 12.1. Toxicity

##### Acute aquatic toxicity

**Acute toxicity - fish** No information available.

**Acute toxicity - aquatic invertebrates** Not available.

**Acute toxicity - aquatic plants** Not available.

**Acute toxicity - microorganisms** Not available.

**Acute toxicity - terrestrial** Not available.

##### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** Not available.

**Short term toxicity - embryo and sac fry stages** Not available.

**Chronic toxicity - aquatic invertebrates** Not available.

### Ecological information on ingredients.

#### Sodium lauryl ether sulphate

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: > 7.1 mg/l, Fish

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 7.4 mg/l, Daphnia magna  
NOEC, 48 hours: 0.27 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 27.7 mg/l, Algae

#### Sodium N-Lauroyl Sarcosinate

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 107 mg/l, Brachydanio rerio (Zebra Fish)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 29.7 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** ErC50, 72 hours: 79 mg/l, Desmodemus subspicatus

#### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

### Ecological information on ingredients.

#### Sodium lauryl ether sulphate

## Iron Active Wheel Cleaner

**Persistence and degradability** 100% 28 days Rapidly degradable

### Sodium N-Lauroyl Sarcosinate

**Persistence and degradability** 82% 28 days Rapidly degradable

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

### Ecological information on ingredients.

#### Sodium lauryl ether sulphate

**Bioaccumulative potential** BCF: < 0.3, Fish The product does not contain any substances expected to be bioaccumulating.

**Partition coefficient** log Pow: 0.3

#### Sodium N-Lauroyl Sarcosinate

**Bioaccumulative potential** Bioaccumulation is unlikely.

**Partition coefficient** log Pow: 0.37

### 12.4. Mobility in soil

**Mobility** The product contains substances which are water-soluble and may spread in water systems.

### Ecological information on ingredients.

#### Sodium lauryl ether sulphate

**Mobility** Soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### Ecological information on ingredients.

#### Sodium lauryl ether sulphate

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

## Iron Active Wheel Cleaner

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

## SECTION 15: Regulatory information

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

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>EU legislation</b>	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). 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 (as amended). Commission Regulation (EU) No 2015/830 of 28 May 2015. Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).
<b>Authorisations (Annex XIV Regulation 1907/2006)</b>	No specific authorisations are known for this product.
<b>Restrictions (Annex XVII Regulation 1907/2006)</b>	No specific restrictions on use are known for this product.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

## Iron Active Wheel Cleaner

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.</p> <p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>ATE: Acute Toxicity Estimate.</p> <p>BOD: Biochemical Oxygen Demand.</p> <p>CAS: Chemical Abstracts Service.</p> <p>DNEL: Derived No Effect Level.</p> <p>EC<sub>50</sub>: 50% of maximal Effective Concentration.</p> <p>GHS: Globally Harmonized System.</p> <p>IARC: International Agency for Research on Cancer.</p> <p>IATA: International Air Transport Association.</p> <p>ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.</p> <p>LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).</p> <p>LOAEC: Lowest Observed Adverse Effect Concentration.</p> <p>LOAEL: Lowest Observed Adverse Effect Level.</p> <p>NOAEC: No Observed Adverse Effect Concentration.</p> <p>NOAEL: No Observed Adverse Effect Level.</p> <p>NOEC: No Observed Effect Concentration.</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>PNEC: Predicted No Effect Concentration.</p> <p>REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.</p> <p>RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.</p> <p>SVHC: Substances of Very High Concern.</p> <p>UVCB - Unknown or variable composition, complex reaction products or Biological materials.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p>
<b>Revision date</b>	01/02/2021
<b>Revision</b>	1
<b>SDS number</b>	21754
<b>Hazard statements in full</b>	<p>H290 May be corrosive to metals.</p> <p>H301 Toxic if swallowed.</p> <p>H302 Harmful if swallowed.</p> <p>H312 Harmful in contact with skin.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H330 Fatal if inhaled.</p> <p>H335 May cause respiratory irritation.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p>