



## SAFETY DATA SHEET

### 5L SUPER PROFESSIONAL TRAFFIC FILM REMOVER A6

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

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

##### 1.1. Product identifier

Product name	5L SUPER PROFESSIONAL TRAFFIC FILM REMOVER A6
Product number	800-272-0002 A6
Container size	5L
UFI	UFI: H4X2-YDF9-NP7S-MY2C

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

Identified uses	Detergent.
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##### 1.3. Details of the supplier of the safety data sheet

Supplier	Mirius™ A Coventry Group Company Woodhams Road Siskin Drive Coventry CV3 4FX  Coventry Chemicals (Ireland) Limited 4th Floor 8-34 Percy Place Dublin 4 Ireland Tel: +44 (0) 02476 639 739 Fax: +44 (0) 02476 639 717 Email: sales@mirius.com
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Contact person	For content of safety data sheet., sds@mirius.com
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##### 1.4. Emergency telephone number

Emergency telephone	+44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)
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National emergency telephone number	UK: In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 Ireland: For information or to report a poisoning incident contact The National Poisons Information Centre (01 8092166)
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#### SECTION 2: Hazards identification

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

###### Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Skin Corr. 1 - H314 Eye Dam. 1 - H318

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**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** -

### 2.2. Label elements

#### Hazard pictograms



**Signal word** Danger

**Hazard statements** H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P264 Wash contaminated skin thoroughly after handling.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or 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.  
 P310 Immediately call a POISON CENTER/ doctor.  
 P405 Store locked up.  
 P501 Dispose of contents/ container in accordance with national regulations.

**Contains** ALCOHOLS, C12-14, ETHOXYLATED, DISODIUM METASILICATE 2.9%, AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES, TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

**Detergent labelling** 5 - < 15% non-ionic surfactants, < 5% EDTA and salts thereof, < 5% polycarboxylates

**Supplementary precautionary statements**

P102 Keep out of reach of children.  
 P260 Do not breathe vapour/ spray.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P363 Wash contaminated clothing before reuse.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>ALCOHOLS, C12-14, ETHOXYLATED</b>	<b>1-5%</b>
CAS number: 68439-50-9	EC number: 500-213-3
<b>Classification</b>	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
Aquatic Chronic 3 - H412	

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<b>DISODIUM METASILICATE 2.9%</b>	<b>1-5%</b>
CAS number: 6834-92-0	EC number: 229-912-9
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335	<b>Classification (67/548/EEC or 1999/45/EC)</b> C;R34 Xi;R37
<b>AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES</b>	<b>1-5%</b>
CAS number: 308062-28-4	EC number: 931-292-6
M factor (Acute) = 1	
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22. Xi;R38,R41. N;R50.
<b>TETRASODIUM ETHYLENE DIAMINE TETRAACETATE</b>	<b>1-5%</b>
CAS number: 64-02-8	EC number: 200-573-9
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H332 Eye Dam. 1 - H318 STOT RE 2 - H373	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22 Xi;R41
<b>SODIUM HYDROXIDE</b>	<b>&lt;1%</b>
CAS number: 1310-73-2	EC number: 215-185-5
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1A - H314 Eye Dam. 1 - H318	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Provide eyewash station.
<b>Inhalation</b>	Remove affected person from source of contamination. Keep affected person warm and at rest. Get medical attention immediately.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.

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<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
<b>Eye contact</b>	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

### 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>	May cause respiratory irritation. Coughing, chest tightness, feeling of chest pressure.
<b>Ingestion</b>	This product is corrosive. May be harmful if swallowed and enters airways. A single exposure may cause the following adverse effects: Irritation. Sore throat. Dryness of mouth and throat.
<b>Skin contact</b>	This product is corrosive. A single exposure may cause the following adverse effects: Redness. Irritation. Dry skin.
<b>Eye contact</b>	The product is irritating to eyes and skin. A single exposure may cause the following adverse effects: Irritation and redness, followed by blurred vision. Corneal damage. Risk of serious damage to eyes.

### 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

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Use foam, carbon dioxide, dry powder or water fog to extinguish.
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### 5.2. Special hazards arising from the substance or mixture

<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Oxides of nitrogen. Oxides of carbon. Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).
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### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Control run-off water by containing and keeping it out of sewers and watercourses.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid or minimise the creation of any environmental contamination.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Do not touch or walk into spilled material. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.
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### 6.4. Reference to other sections

**Reference to other sections** For waste disposal, see Section 13. See Section 11 for additional information on health hazards. See Section 1 for emergency contact information.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet.

**Advice on general occupational hygiene** Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash promptly with soap and water if skin becomes contaminated. Take off immediately all contaminated clothing and wash it before reuse.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

**Storage class** Corrosive 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

##### Occupational exposure limits

##### SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

**Ingredient comments** No exposure limits known for ingredient(s).

##### ALCOHOLS, C12-14, ETHOXYLATED (CAS: 68439-50-9)

**DNEL** Workers - Inhalation; Long term systemic effects: 294 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 2080 mg/kg/day  
 General population - Inhalation; Long term systemic effects: 87 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 1250 mg/kg/day  
 General population - Oral; Long term systemic effects: 25 mg/kg/day

**PNEC** - Fresh water; 0.0437 mg/l  
 - Intermittent release; 0.004 mg/l  
 - STP; 10 mg/l  
 - Sediment (Freshwater); 31 mg/kg  
 - Sediment (Marinewater); 31 mg/kg  
 - Soil; 1 mg/kg

##### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES (CAS: 308062-28-4)

**DNEL** Workers - Inhalation; Long term systemic effects: 15.5 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 11 mg/kg/day  
 General population - Inhalation; Long term systemic effects: 3.8 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 5.5 mg/kg/day  
 General population - Oral; Long term systemic effects: 0.44 mg/kg/day

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<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; 0.034 mg/l</li> <li>- marine water; 0.003 mg/l</li> <li>- STP; 24 mg/l</li> <li>- Sediment (Freshwater); 5.24 mg/kg</li> <li>- Sediment (Marinewater); 0.524 mg/kg</li> <li>- Soil; 1.02 mg/kg</li> </ul>
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### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

<b>DNEL</b>	<p>General population - Oral; Long term systemic effects: 25 mg/kg/day</p> <p>General population - Inhalation; Long term local effects: 0.6 mg/m<sup>3</sup></p> <p>General population - Inhalation; Short term local effects: 1.2 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Long term local effects: 1.5 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Short term local effects: 3 mg/m<sup>3</sup></p>
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<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; 2.2 mg/l</li> <li>- marine water; 0.22 mg/l</li> <li>- Intermittent release; 1.2 mg/l</li> <li>- STP; 43 mg/l</li> <li>- Soil; 0.72 mg/kg</li> </ul>
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### SODIUM HYDROXIDE (CAS: 1310-73-2)

<b>DNEL</b>	<p>Industry - Inhalation; Long term local effects: 1.0 mg/m<sup>3</sup></p> <p>Consumer - Inhalation; Long term local effects: 1.0 mg/m<sup>3</sup></p>
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## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene measures

Provide eyewash station and safety shower. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

### Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

### Environmental exposure controls

Avoid releasing into the environment.

## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Unperfumed.
<b>pH</b>	pH (concentrated solution): 8.5 - 9.0
<b>Relative density</b>	~1.035-1.040 @ 20°C
<b>Solubility(ies)</b>	Soluble in water.
<b>Explosive properties</b>	There are no chemical groups present in the product that are associated with explosive properties.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.
<b>Comments</b>	Information given is applicable to the product as supplied.

### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

**Reactivity** Under normal conditions of storage and use, no hazardous reactions will occur.

##### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

##### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** The following materials may react with the product: Strong oxidising agents. Strong mineral acids. Strong alkalis.

##### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

##### 10.5. Incompatible materials

**Materials to avoid** Avoid contact with oxidising agents. Strong acids. Strong alkalis.

##### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

**Toxicological effects** No information available. Information given is based on data of the components and of similar products.

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Calculation method.

**ATE oral (mg/kg)** 10,326.38

##### Acute toxicity - inhalation

**ATE inhalation (vapours mg/l)** 366.67

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**ATE inhalation (dusts/mists  
mg/l)** 50.0

### Skin corrosion/irritation

**Skin corrosion/irritation** Causes severe burns. Calculation method.

### Serious eye damage/irritation

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

### Respiratory sensitisation

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

### Skin sensitisation

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

### Germ cell mutagenicity

**Genotoxicity - in vitro** Does not contain any substances known to be mutagenic.

### Carcinogenicity

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

### Reproductive toxicity

**Reproductive toxicity - fertility** Does not contain any substances known to be toxic to reproduction.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

### Specific target organ toxicity - repeated exposure

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

**Inhalation** May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

**Ingestion** May be harmful if swallowed. A single exposure may cause the following adverse effects: May cause burns in mucous membranes, throat, oesophagus and stomach.

**Skin contact** Corrosive to skin and eyes. A single exposure may cause the following adverse effects: Skin irritation. Dryness and/or cracking. Prolonged or repeated exposure may cause severe irritation. Burns can occur.

**Eye contact** This product is corrosive. Small amounts may cause serious damage. Burns can occur.

## 11.2 Information on other hazards

**11.2.1. Endocrine disrupting properties** This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

### 11.2.2 Other information

### Toxicological information on ingredients.

#### ALCOHOLS, C12-14, ETHOXYLATED

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub>  
mg/kg)** 2,000.0

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



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<b>ATE oral (mg/kg)</b>	500.0
<b><u>Acute toxicity - dermal</u></b>	
<b>Acute toxicity dermal (LD<sub>50</sub> mg/kg)</b>	2,000.1
<b>Species</b>	Rat
<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met. REACH dossier information.
<b>ATE dermal (mg/kg)</b>	2,000.1
<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. REACH dossier information.
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Based on available data the classification criteria are not met. REACH dossier information.
<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>	No information available.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Based on available data the classification criteria are not met. REACH dossier information.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	This substance has no evidence of mutagenic properties.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Based on available data the classification criteria are not met. REACH dossier information.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Not classified as a specific target organ toxicant after a single exposure.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Not classified as a specific target organ toxicant after repeated exposure.

### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

<b><u>Acute toxicity - oral</u></b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	1,064.0
<b>Species</b>	Rat
<b>ATE oral (mg/kg)</b>	1,064.0
<b><u>Acute toxicity - dermal</u></b>	

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**Acute toxicity dermal (LD<sub>50</sub>)** 2,000.1 mg/kg)

**Species** Rat

**ATE dermal (mg/kg)** 2,000.1

### Skin corrosion/irritation

**Skin corrosion/irritation** Irritating to skin.

### Serious eye damage/irritation

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

### Skin sensitisation

**Skin sensitisation** Not sensitising.

### Carcinogenicity

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

## SECTION 12: Ecological information

**Ecotoxicity** There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

### 12.1. Toxicity

**Toxicity** Not classified for environmental hazards. The product contains a substance which is harmful to aquatic organisms.

### Ecological information on ingredients.

#### ALCOHOLS, C12-14, ETHOXYLATED

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 0.876 mg/l, Fish REACH dossier information.

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 0.39 mg/l, Daphnia magna REACH dossier information.

#### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** EC<sub>20</sub>, 30 days: 1.09 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information.

**Chronic toxicity - aquatic invertebrates** NOEC, 21 days: 0.77 mg/l, Daphnia magna

#### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

**Toxicity** Very toxic to aquatic organisms. Supplier's information.

#### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.1 < L(E)C<sub>50</sub> ≤ 1

**M factor (Acute)** 1

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 2.67 mg/l, Freshwater fish Supplier's information.

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<b>Acute toxicity - aquatic invertebrates</b>	LC <sub>50</sub> , 48 hours: 3.1 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	Supplier's information. EC <sub>50</sub> , 72 hours: 0.146 mg/l, Freshwater algae
<b><u>Chronic aquatic toxicity</u></b>	
<b>Chronic toxicity - fish early life stage</b>	Supplier's information. NOEC, 302 days: 0.42 mg/l, Freshwater fish
<b>Chronic toxicity - aquatic invertebrates</b>	Supplier's information. NOEC, 21 days: 0.7 mg/l, Daphnia magna

### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

### Ecological information on ingredients.

#### ALCOHOLS, C12-14, ETHOXYLATED

**Biodegradation** The substance is readily biodegradable.  
REACH dossier information.

#### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

**Biodegradation** The substance is readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### Ecological information on ingredients.

#### ALCOHOLS, C12-14, ETHOXYLATED

**Bioaccumulative potential** No potential for bioaccumulation.

#### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

**Bioaccumulative potential** No information available.

### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

### Ecological information on ingredients.

#### ALCOHOLS, C12-14, ETHOXYLATED

**Adsorption/desorption coefficient** - Log K<sub>oc</sub>: 3.7-4.5 @ °C REACH dossier information.

#### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

**Mobility** The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

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

### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

### Ecological information on ingredients.

#### ALCOHOLS, C12-14, ETHOXYLATED

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current UK criteria.

#### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current UK criteria.

### 12.6. Other adverse effects

**Other adverse effects** Not known.

### Ecological information on ingredients.

#### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

**Other adverse effects** Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** The generation of waste should be minimised or avoided wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID)	1760
UN No. (IMDG)	1760
UN No. (ICAO)	1760
UN No. (ADN)	1760

### 14.2. UN proper shipping name

<b>Proper shipping name (ADR/RID)</b>	CORROSIVE LIQUID, N.O.S. (CONTAINS DISODIUM METASILICATE, SODIUM HYDROXIDE)
<b>Proper shipping name (IMDG)</b>	CORROSIVE LIQUID, N.O.S. (CONTAINS DISODIUM METASILICATE, SODIUM HYDROXIDE)
<b>Proper shipping name (ICAO)</b>	CORROSIVE LIQUID, N.O.S. (CONTAINS DISODIUM METASILICATE, SODIUM HYDROXIDE)
<b>Proper shipping name (ADN)</b>	CORROSIVE LIQUID, N.O.S. (CONTAINS DISODIUM METASILICATE, SODIUM HYDROXIDE)

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### 14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID classification code	C9
ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

#### Transport labels



### 14.4. Packing group

ADR/RID packing group	I
IMDG packing group	I
ICAO packing group	I
ADN packing group	I

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

EmS	F-A, S-B
ADR transport category	1
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	88
Tunnel restriction code	(E)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

<b>National regulations</b>	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). Control of Pollution (Special Waste) Regulations 1980 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits. The Hazardous Waste Regulations 2005.
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### EU legislation

Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) 1907/2006.  
Waste Material Code 91/689/EEC

### Guidance

Technical Guidance WM2: Hazardous Waste.  
COSHH Essentials.  
ECHA Guidance on the Application of the CLP Criteria.  
ECHA Guidance on the compilation of safety data sheets.  
Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

Currently we do not have information from our suppliers about this.

## SECTION 16: Other information

### Abbreviations and acronyms used in the safety data sheet

EWC European Waste Catalogue  
STOT RE = Specific target organ toxicity-repeated exposure  
PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Persistent and Very Bioaccumulative.  
PNEC: Predicted No Effect Concentration.  
DNEL: Derived No Effect Level.

### Revision comments

New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015' NOTE: Lines within the margin indicate significant changes from the previous revision.

### Revision date

22/03/2024

### Revision

2

### Supersedes date

12/07/2018

### SDS number

21446

### Hazard statements in full

H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.