

## Urban “easy-does-it” Traffic Film Remover

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
<b>1.1. Product Identifier</b>	
<b>Product name</b>	Urban “easy-does-it” Traffic Film Remover
<b>1.3. Details of the supplier of the safety data sheet</b>	
<b>Company</b>	Urban Hygiene Ltd
<b>Address</b>	Urban Hygiene Ltd. Sky Business Park, Robin Hood International Airport, Doncaster, South Yorkshire, DN9 3GN England
<b>Web</b>	<a href="http://www.urbanhygiene.com">www.urbanhygiene.com</a>
<b>Telephone</b>	+44 (0) 1302 623193
<b>Fax</b>	+44 (0) 1302 623167
<b>Email</b>	<a href="mailto:enquiries@urbanhygiene.com">enquiries@urbanhygiene.com</a>
<b>1.4. Emergency telephone number</b>	
<b>Emergency telephone number</b>	+44 (0) 1302 623193 9.00am – 5.00pm Mon-Fri
SECTION 2: Hazards identification	
<b>2.1. Classification of the substance or mixture Classification (EC 1272/2008)</b>	
<b>Physical hazards</b>	Met. Corr. 1 - H290
<b>Health hazards</b>	Skin Corr. 1C - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317
<b>Environmental hazards</b>	Not Classified
<b>Human health</b>	Corrosive. Prolonged contact causes serious eye and tissue damage. May cause sensitisation or allergic reactions in sensitive individuals.
<b>Physicochemical</b>	In contact with some metals can generate hydrogen gas, which can form explosive mixtures with air.
<b>2.2. Label elements</b>	
<b>Single word</b>	Danger
<b>Hazard statements</b>	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction.

<b>Precautionary statements</b>	<p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Contains</b>	ALCOHOL ETHOXYLATE, AMIDES, C8-C18(EVEN NUMBERED) AND C18(UNSATD), N,NBIS(HYDROXYETHYL), 3-LAURAMIDOPROPYL TRIMETHYL AMMONIUM METHYL SULPHATE, SODIUM HYDROXIDE
<b>Supplementary precautionary statements</b>	<p>P234 Keep only in original container.</p> <p>P260 Do not breathe vapour/ spray.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P390 Absorb spillage to prevent material damage.</p> <p>P405 Store locked up.</p> <p>P406 Store in corrosive resistant container with a resistant inner liner.</p>
<b>2.3. Other Hazards</b>	
<b>Other hazards:</b>	Keep out of reach of children. If medical advice is needed, have product container or label at hand.
<b>PBT:</b>	This product is not identified as a PBT/vPvB substance.

<b>SECTION 3: Composition/information on ingredients</b>	
<b>3.1. Substances</b>	
<b>Chemical identity:</b>	Urban "easy-does-it" Traffic Film Remover
<b>3.2. Mixtures</b>	
ALCOHOL ETHOXYLATE 1-3% CAS number: 68439-46-3  Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318	
AMIDES, C8-C18(EVEN NUMBERED) AND C18(UNSATD), N,N-BIS(HYDROXYETHYL) 1-3% CAS number: — EC number: 931-329-6 REACH registration number: 01-2119490100-53-XXXX  Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411	
3-LAURAMIDOPROPYL TRIMETHYL AMMONIUM METHYL SULPHATE 0.1-1%  CAS number: 10595-49-0 EC number: 234-204-8 REACH registration number: 01-2119976277-23-xxxx  M factor (Acute) = 10  Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1A - H317 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	
SODIUM HYDROXIDE 0.1-1%  CAS number: 1310-73-2 EC number: 215-185-5 REACH registration number: 01-2119-457892-27-xxxx  Classification Skin Corr. 1A - H314 Eye Dam. 1 - H318	
2-BUTOXYETHANOL 0.1-1%  CAS number: 111-76-2 EC number: 203-905-0 REACH registration number: 01-2119475108-36-xxxx  Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	
1,2,3-PROPANE TRIOL 0.1-1%  CAS number: 56-81-5 EC number: 200-289-5 REACH registration number: 01-2119471987-18-XXXX  Classification - Not Classified	

<b>SECTION 4: First aid measures</b>	
<b>4.1. Description of first aid measures</b>	
<b>General information:</b>	Show this Safety Data Sheet to the medical personnel.
<b>Inhalation:</b>	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>Ingestion:</b>	Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
<b>Skin contact:</b>	Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.
<b>Eye contact:</b>	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>4.2. Most important symptoms and effects, both acute and delayed</b>	
<b>Skin contact:</b>	Burning pain and severe corrosive skin damage.
<b>Eye contact:</b>	Severe irritation, burning and tearing.
<b>Ingestion:</b>	May cause chemical burns in mouth and throat. May cause discomfort if swallowed.
<b>Inhalation:</b>	No specific symptoms known.
<b>4.3. Indication of any immediate medical attention and special treatment needed</b>	
<b>Notes for the doctor</b>	No specific recommendations.
<b>SECTION 5: Fire-fighting measures</b>	
<b>5.1. Extinguishing media</b>	
<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
<b>5.2. Special hazards arising from the substance or mixture</b>	
<b>Specific hazards</b>	The product is not flammable.
<b>Hazardous combustion products</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.
<b>5.3. Advice for fire-fighters</b>	
<b>Protective actions during firefighting</b>	Use water to keep fire exposed containers cool and disperse vapours.
<b>Special protective equipment for firefighters</b>	Wear breathing apparatus

<b>SECTION 6: Accidental release measures</b>	
<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	
Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Avoid contact with skin, eyes and clothing. Take care as floors and other surfaces may become slippery.	
<b>6.2. Environmental precautions</b>	
Avoid the spillage or runoff entering drains, sewers or watercourses.	
<b>6.3. Methods and material for containment and cleaning up</b>	
Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.	
<b>SECTION 7: Handling and storage</b>	
<b>7.1. Precautions for safe handling</b>	
Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Read and follow manufacturer's recommendations. Avoid contact with skin, eyes and clothing. Avoid spilling.	
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	
<b>Storage conditions:</b>	Store in tightly closed, original container in a dry, cool and well-ventilated place. Avoid freezing.
<b>Storage class:</b>	Corrosive storage.
<b>7.3. Specific end use(s)</b>	
No special requirement.	
<b>SECTION 8: Exposure controls/personal protection</b>	
<b>8.1. Control parameters – Occupational exposure limits</b>	
<b>SODIUM HYDROXIDE</b>	Short-term exposure limit (15-minute): WEL 2 mg/m <sup>3</sup>
<b>2-BUTOXYETHANOL</b>	Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m <sup>3</sup> Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m <sup>3</sup> Sk
<b>1,2,3-PROPANE TRIOL</b>	Long-term exposure limit (8-hour TWA): WEL 10 mg/m <sup>3</sup> mist WEL = Workplace Exposure Limit Sk = Can be absorbed through the skin.
<b>TETRASODIUM N,N-BIS(CARBOXYLATOMETHYL)-L-GLUTAMATE (CAS: 51981-21-6)</b>	<b>DNEL:</b> Workers - Inhalation; Long term systemic effects: 7.3 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 15000 mg/kg/day General population - Inhalation; Long term systemic effects: 1.8 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 7500 mg/kg/day General population - Oral; Long term systemic effects: 1.5 mg/kg/day
<b>AMIDES, C8-C18(EVEN NUMBERED) AND C18(UNSATD), N,N-BIS(HYDROXYETHYL)</b>	<b>DNEL:</b> Industry - Dermal; Long term local effects: 4.16 mg/kg/day Industry - Inhalation; Long term systemic effects: 73.4 mg/m <sup>3</sup> Consumer - Inhalation; Long term systemic effects: 21.73 mg/m <sup>3</sup>

	<p>Consumer - Dermal; Long term systemic effects: 2.5 mg/kg/day Consumer - Oral; Long term systemic effects: 6.25 mg/kg/day</p> <p><b>PNEC</b></p> <ul style="list-style-type: none"> <li>- Fresh water; 0.007 mg/l</li> <li>- Marine water; 0.0007 mg/l</li> <li>- Intermittent release; 0.0024 mg/l</li> <li>- STP; 830 mg/l</li> <li>- Soil; 0.0189 mg/kg</li> <li>- Sediment; 0.0424 mg/kg</li> </ul>
<p><b>3-LAURAMIDOPROPYL TRIMETHYL AMMONIUM METHYL SULPHATE (CAS: 10595-49-0)</b></p>	<p><b>DNEL</b></p> <p>Industry - Oral; Long term systemic effects: 1.43 mg/m<sup>3</sup> Industry - Dermal; Long term systemic effects: 2.9 mg/m<sup>3</sup> Industry - Inhalation; Long term systemic effects: 10.1 mg/m<sup>3</sup></p> <p><b>PNEC</b></p> <ul style="list-style-type: none"> <li>- Fresh water; 0.0008 mg/l</li> <li>- Marine water; 0.00008 mg/l</li> </ul>
<p><b>SODIUM HYDROXIDE (CAS: 1310-73-2)</b></p>	<p><b>DNEL</b></p> <p>Industry - Inhalation; Long term : 1 mg/m<sup>3</sup> Industry - Inhalation; Short term : 1 mg/m<sup>3</sup> Consumer - Inhalation; Long term : 1 mg/m<sup>3</sup></p>
<p><b>2-BUTOXYETHANOL (CAS: 111-76-2)</b></p>	<p><b>DNEL</b></p> <p>Industry - Dermal; Short term : 89 mg/kg/day Industry - Inhalation; Short term : 663 mg/m<sup>3</sup> Industry - Dermal; Long term : 75 mg/kg/day Industry - Inhalation; Long term : 98 mg/m<sup>3</sup> Consumer - Dermal; Short term : 44.5 mg/kg/day Consumer - Inhalation; Short term : 426 mg/m<sup>3</sup> Consumer - Oral; Short term : 13.4 mg/kg/day Consumer - Dermal; Long term : 38 mg/kg/day Consumer - Oral; Long term : 3.2 mg/kg/day</p> <p><b>PNEC</b></p> <ul style="list-style-type: none"> <li>- Fresh water; 8.8 mg/l</li> <li>- Marine water; 0.88 mg/l</li> <li>- Sediment; 8.14 mg/kg</li> <li>- Soil; 2.8 mg/kg</li> <li>- STP; 463 mg/l</li> </ul>
<p><b>1,2,3-PROPANE TRIOL (CAS: 56-81-5)</b></p>	<p><b>DNEL</b></p> <p>Workers - Inhalation; Long term local effects: 56 mg/m<sup>3</sup></p> <p><b>PNEC</b></p> <ul style="list-style-type: none"> <li>- Fresh water; 0.885 mg/l</li> <li>- Intermittent release; 8.85 mg/l</li> <li>- Marine water; 0.0885 mg/l</li> <li>- STP; 1000 mg/l</li> <li>- Soil; 0.141 mg/kg</li> </ul>
<p><b>DIETHANOLAMINE (CAS: 111-42-2)</b></p>	<p><b>DNEL</b></p> <p>Workers - Inhalation; Long term systemic effects: 1 mg/m<sup>3</sup> Workers - Dermal; Long term systemic effects: 0.13 mg/kg/day General population - Inhalation; Long term systemic effects: 0.25 mg/m<sup>3</sup> General population - Oral; Long term systemic effects: 0.06 mg/kg/day General population - Dermal; Long term systemic effects: 0.07 mg/kg/day</p> <p><b>PNEC</b></p> <ul style="list-style-type: none"> <li>- Fresh water; 0.0156 mg/l</li> </ul>

	<ul style="list-style-type: none"> <li>- Marine water; 0.00156 mg/l</li> <li>- Intermittent release; 0.097 mg/l</li> <li>- Sediment (Freshwater); 0.0718 mg/kg</li> <li>- Sediment (Marinewater); 0.00718 mg/kg</li> <li>- Soil; 0.00518 mg/kg</li> <li>- STP; 100 mg/l</li> </ul>
<b>8.2. Exposure controls</b>	
<b>Engineering measures:</b>	Provide adequate general and local exhaust ventilation.
<b>Eye/face protection:</b>	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. Personal protective equipment for eye and face protection should comply with European Standard EN166.
<b>Hand protection:</b>	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.
<b>Hygiene measures:</b>	Wash promptly with soap and water if skin becomes contaminated.
<b>Respiratory protection</b>	None noted.

<b>SECTION 9: Physical and chemical properties</b>	
<b>9.1. Information on basic physical and chemical properties</b>	
<b>State:</b>	Clear liquid. Liquid.
<b>Colour</b>	Light (or pale). Yellow.
<b>Odour</b>	Slight.
<b>pH:</b>	pH (concentrated solution): 13.6
<b>Relative density:</b>	1.08 @ 20°C
<b>Solubility(ies):</b>	Miscible with water.
<b>9.2. Other information</b>	
<b>Other information:</b>	Not applicable.
<b>SECTION 10: Stability and reactivity</b>	
<b>10.1. Reactivity</b>	
Reactions with the following materials may generate heat: Strong acids.	
<b>10.2. Chemical stability</b>	
No particular stability concerns.	
<b>10.3. Possibility of hazardous reactions</b>	
Under normal conditions of storage and use, no hazardous reactions will occur.	

<b>10.4. Conditions to avoid</b>	
Avoid contact with the following materials: Acids. Oxidising agents. Reactions with the following materials may generate heat: Strong acids. In contact with some metals can generate hydrogen gas, which can form explosive mixtures with air.	
<b>10.5. Incompatible materials</b>	
Strong acids. Strong oxidising agents.	
<b>10.6. Hazardous decomposition products</b>	
Heating may generate the following products: Oxides of carbon. Oxides of nitrogen.	
<b>SECTION 11: Toxicological information</b>	
<b>11.1. Information on toxicological effects</b>	
<b>Toxicological effects:</b>	No information available.
<b>Acute toxicity – oral ATE oral (mg/kg)</b>	22,810.22
<b>Eye contact:</b>	May cause chemical eye burns. Severe irritation, burning and tearing.
<b>Ingestion:</b>	Causes burns. May cause chemical burns in mouth, oesophagus and stomach. May cause discomfort if swallowed. May cause stomach pain or vomiting.
<b>Inhalation:</b>	Spraying mist may irritate respiratory system.
<b>Toxicological information on ingredients.</b>	
<b>TETRASODIUM N,N-BIS(CARBOXYLAMETHYL)-L-GLUTAMATE</b>	Acute toxicity – oral Acute toxicity oral (LD <sub>50</sub> mg/kg) - 2,000.0 Species – Rat Acute toxicity – dermal Acute toxicity dermal (LD <sub>50</sub> mg/kg) - 2,000.0 Species - Rat
<b>ALCOHOL ETHOXYLATE</b>	Acute toxicity – oral Acute toxicity oral (LD <sub>50</sub> mg/kg) - 1,500.0  Species - Rat
<b>AMIDES, C8-C18(EVEN NUMBERED) AND C18(UNSATD), N,N-BIS(HYDROXYETHYL)</b>	Acute toxicity – oral Acute toxicity oral (LD <sub>50</sub> mg/kg) - 5,000.0 Species – Rat Acute toxicity – dermal Acute toxicity dermal (LD <sub>50</sub> mg/kg) - 2,000.0 Species - Rat
<b>3-LAURAMIDOPROPYL TRIMETHYL AMMONIUM METHYL SULPHATE</b>	Acute toxicity – oral Acute toxicity oral (LD <sub>50</sub> mg/kg) - 1,770.0 Revision date: 10/10/2016 Revision: 2 Supersedes date: 06/02/2015 Species – Rat Acute toxicity – dermal Acute toxicity dermal (LD <sub>50</sub> mg/kg) - 2,000.0 Species - Rat
<b>2-BUTOXYETHANOL</b>	Acute toxicity - oral



	<p>Acute toxicity oral (LD<sub>50</sub>mg/kg) - 1,200.0 Species - Guinea pig ATE oral (mg/kg) 1,200.0 Acute toxicity – dermal Acute toxicity dermal (LD<sub>50</sub>mg/kg) - 2,000.0 Species Rat ATE dermal (mg/kg) 2,000.0 Acute toxicity – inhalation ATE inhalation (vapours mg/l) - 11.0 Carcinogenicity IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.</p>
<b>1,2,3-PROPANE TRIOL</b>	<p>Acute toxicity – oral Acute toxicity oral (LD<sub>50</sub>mg/kg) - 12,600.0 Species Rat Acute toxicity – dermal Acute toxicity dermal (LD<sub>50</sub>mg/kg) - 10,000.0 Species Rabbit Acute toxicity – inhalation Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) - 0.57 Species Rat ATE inhalation (vapours mg/l) - 0.57</p>
<b>DIETHANOLAMINE</b>	<p>Acute toxicity – oral Acute toxicity oral (LD<sub>50</sub>mg/kg) - 1,600.0 Species Rat ATE oral (mg/kg) 500.0 Acute toxicity – dermal Acute toxicity dermal (LD<sub>50</sub>mg/kg) - 12,970.0 Species Rabbit Carcinogenicity IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.</p>
<b>SECTION 12: Ecological information</b>	
<b>Ecotoxicity</b> – Not regarded as dangerous for the environment.	
<b>12.1. Toxicity</b>	
Not considered toxic to fish.	
<b>Ecological information on ingredients.</b>	
<b>TETRASODIUM N,N-BIS(CARBOXYLATOMETHYL)-L-GLUTAMATE</b>	<p>Acute toxicity - fish LC50, 96 hours: &gt; 100 mg/l, Onchorhynchus mykiss (Rainbow trout) Acute toxicity – aquatic invertebrates - EC<sub>50</sub>, 48 hours: &gt; 100 mg/l, Daphnia magna Acute toxicity – aquatic plants - EC<sub>50</sub>, 72 hours: &gt; 100 mg/l, Freshwater algae</p>
<b>ALCOHOL ETHOXYLATE</b>	<p>Acute toxicity - fish LC50, 96 hours: 12 mg/l, Acute toxicity – aquatic invertebrates - EC<sub>50</sub>, 48 hours: 5.4 mg/l, Acute toxicity – aquatic plants - EC<sub>50</sub>, 72 hours: &gt; 8.9 mg/l,</p>
<b>AMIDES, C8-C18(EVEN NUMBERED) AND C18(UNSATD), N,N-BIS(HYDROXYETHYL)</b>	<p>Acute toxicity - fish LC50, 96 hours: 2.4 mg/l, Acute toxicity – aquatic invertebrates - EC<sub>50</sub>, 48 hours: 3.2 mg/l, Daphnia magna Acute toxicity – aquatic plants - IC<sub>50</sub>, 72 hours: 3.9 mg/l,</p>

<b>3-LAURAMIDOPROPYL TRIMETHYL AMMONIUM METHYL SULPHATE</b>	<p>Acute aquatic toxicity</p> <p>LE(C)<sub>50</sub> 0.01 &lt; L(E)C50 ≤ 0.1</p> <p>M factor (Acute) 10</p> <p>Acute toxicity - fish LC50, 96 hours: 251.3 mg/l,</p> <p>Acute toxicity - aquatic invertebrates - EC<sub>50</sub>, 48 hours: 136 mg/l, Daphnia magna</p> <p>Acute toxicity - aquatic plants - EC<sub>50</sub>, 72 hours: 0.097 mg/l,</p>
<b>2-BUTOXYETHANOL</b>	<p>Acute toxicity - fish LC50, 96 hours: 1490 mg/l, Lepomis macrochirus (Bluegill)</p> <p>Acute toxicity - aquatic invertebrates - EC<sub>50</sub>, 48 hours: 1001 mg/l, Daphnia magna</p>
<b>1,2,3-PROPANE TRIOL</b>	<p>Acute toxicity - fish LC50, 96 hours: 54000 mg/l, Onchorhynchus mykiss (Rainbow trout)</p> <p>Acute toxicity - aquatic invertebrates - EC<sub>50</sub>, 48 hours: &gt; 10000 mg/l, Daphnia magna</p>
<b>DIETHANOLAMINE</b>	<p>Acute toxicity - fish LC50, 96 hours: 1460 mg/l, Pimephales promelas (Fat-head Minnow)</p> <p>Acute toxicity - aquatic invertebrates - EC<sub>50</sub>, 48 hours: 55 mg/l, Daphnia magna</p> <p>Acute toxicity - aquatic plants - EC<sub>50</sub>, 96 hours: 2.2 mg/l, Selenastrum capricornutum</p> <p>Chronic toxicity - aquatic invertebrates - NOEC, 21 day: 0.78 mg/l, Daphnia magna</p>
<b>12.2. Persistence and degradability</b>	
<b>Persistence and degradability</b>	The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.
<b>12.3. Bioaccumulative potential</b>	
<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b>Ecological information on ingredients.</b>	
<b>2-BUTOXYETHANOL</b>	<b>Bioaccumulative potential: 2.5,</b>
<b>12.4. Mobility in soil</b>	
<b>Mobility</b>	The product is soluble in water.
<b>12.5. Results of PBT and vPvB assessment</b>	
<b>Results of PBT and vPvB assessment</b>	This product does not contain any substances classified as PBT or vPvB.

<b>SECTION 13: Disposal considerations</b>	
<b>13.1. Waste treatment methods</b>	
<b>Disposal methods:</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
<b>SECTION 14: Transport information</b>	
<b>14.1. UN number</b>	UN No. (ADR/RID) 1719 UN No. (IMDG) 1719
<b>14.2. UN proper shipping name</b>	Proper shipping name (ADR/RID) - Caustic Alkali Liquid, N.O.S. (Contains Sodium Hydroxide) Proper shipping name (IMDG) - Caustic Alkali Liquid, N.O.S. (Contains Sodium Hydroxide)
<b>14.3. Transport hazard class(es)</b>	ADR/RID class 8 IMDG class 8
<b>14.4. Packing group</b>	ADR/RID packing group II IMDG packing group II
<b>14.5. Environmental hazards</b>	Environmentally hazardous substance/marine pollutant No.
<b>14.6. Special precautions for user</b>	EmS - F-A, S-B Emergency Action Code -2R Tunnel restriction code - (E)
<b>14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code</b>	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.
<b>Section 15: Regulatory information</b>	
<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>National regulations:</b>	Control of Substances Hazardous to Health Regulations 2002 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment. Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
<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).
<b>Guidance</b>	Workplace Exposure Limits EH40.
<b>15.2. Chemical Safety Assessment</b>	
<b>Chemical safety assessment:</b>	No chemical safety assessment has been carried out.

<b>Section 16: Other information</b>	
<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>ATE: Acute Toxicity Estimate.</p> <p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.</p> <p>CAS: Chemical Abstracts Service.</p> <p>DNEL: Derived No Effect Level.</p> <p>GHS: Globally Harmonized System.</p> <p>IATA: International Air Transport Association.</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>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>vPvB: Very Persistent and Very Bioaccumulative.</p> <p>EC<sub>50</sub>: 50% of maximal Effective Concentration.</p> <p>UN: United Nations.</p> <p>IBC: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code).</p>
<b>Hazard statements in full</b>	<p>H290 May be corrosive to metals.</p> <p>H302 Harmful if swallowed.</p> <p>H312 Harmful in contact with skin.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H332 Harmful if inhaled.</p> <p>H400 Very toxic to aquatic life.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p>