



## SAFETY DATA SHEET

### BARTOLINE - Concentrated Wallpaper Stripper

According to Regulation (EC) No 1907/2006 Annex II as amended by Regulation (EU) 2015/830.

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

##### 1.1. Product identifier

**Product name** BARTOLINE - Concentrated Wallpaper Stripper

**REACH registration notes** No REACH registration number required as this product is a mixture.

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

**Identified uses** A Liquid to aid the removal of wallpaper.

**Uses advised against** Not to be used for cleaning skin as this may lead to skin disorders.

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

**Supplier** Bartoline Limited  
Barmston Close  
Beverley  
East Yorkshire  
HU17 0LW  
01482 678710  
info@bartoline.co.uk

**Contact person** Product Compliance Manager

##### 1.4. Emergency telephone number

**Emergency telephone** 01482 678710 (8.30am - 4.45pm Monday to Friday) or NHS 111 (General Public) (24 Hour service)

**National emergency telephone number** National Poisons Information Service (24hours) 0844 892 0111

#### SECTION 2: Hazards identification

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

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

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

##### 2.2. Label elements

**Hazard statements** NC Not Classified

##### 2.3. Other hazards

Eye contact may cause temporary redness and irritation. Prolonged skin contact may cause redness, irritation and dry skin.

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Alcohols. C12-14(even numbered), ethoxylated &lt;2.5 EO, sulphates, sodium salts.</b>	<b>1-5%</b>
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	

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

**Composition comments**      This product does not contain any substances classified as Substances of Very High Concern (SVHCs).

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR THE NHS 111 SERVICE. This is a non hazardous mixture and as such any ill health effects are unlikely to have been caused by contact with this product.
<b>Inhalation</b>	Unlikely route of exposure. Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
<b>Ingestion</b>	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing.
<b>Protection of first aiders</b>	This is a non hazardous product and therefore no protection should be required, however consideration should be given to other contaminants in the workplace.

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

<b>General information</b>	The product is considered to be a low hazard under normal conditions of use. Treat symptomatically.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	May cause stomach pain or vomiting.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	Pain or irritation. Profuse watering of the eyes. Redness.

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

<b>Notes for the doctor</b>	Treat symptomatically.
<b>Specific treatments</b>	No specific chemical antidote is known to be required after exposure to this product.

### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known.

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

<b>Specific hazards</b>	Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. The product is not believed to present a hazard due to its physical nature.
<b>Hazardous combustion products</b>	Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentrations.

#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Do not enter storage areas or confined spaces unless adequately ventilated. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	In case of a large fire or in confined or poorly ventilated spaces, wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Use protective equipment appropriate for surrounding materials.

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

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

<b>Personal precautions</b>	Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Do not handle broken packages without protective equipment. Treat the spilled material according to the instructions in the clean-up section. Wash thoroughly after dealing with a spillage.
<b>For non-emergency personnel</b>	No specific advice required.
<b>For emergency responders</b>	Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

#### 6.2. Environmental precautions

<b>Environmental precautions</b>	The product is not expected to be toxic to aquatic organisms. However, large or frequent spills may have hazardous effects on the environment. To prevent release, place container with damaged side up. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).
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### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** To prevent release, place container with damaged side up. Take care as floors and other surfaces may become slippery. Flush spilled material into an effluent treatment plant, or proceed as follows. Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Flush contaminated area with plenty of water. Discharge of small quantities to the sewer with plenty of water may be permitted. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. 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. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Avoid contact with eyes and prolonged skin contact. Do not handle broken packages without protective equipment. Good personal hygiene procedures should be implemented. Wash contaminated skin thoroughly after handling.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing and wash it before reuse. Wash contaminated skin thoroughly after handling.

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

**Storage precautions** Store at temperatures between 5°C and 30°C.

**Storage class** Unspecified storage.

### 7.3. Specific end use(s)

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

**Usage description** Always follow on pack instructions when using this product. Apply "common sense" measures when handling this product. Keep out of reach of children. Keep containers closed when not in use. Where possible avoid prolonged contact with the skin. People with sensitive skin should wear rubber protective gloves.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

There are no occupational exposure limits for the product as a whole. See information for listed hazardous ingredients.

#### Alcohols. C12-14(even numbered), ethoxylated <2.5 EO, sulphates, sodium salts.

According to the Suppliers MSDS this substance has no occupational exposure limit values.

**Ingredient comments** There is no data for the product as a whole, see comments on individual constituents.

**DNEL** No Data for the mixture as a whole but see individual constituents.

**PNEC** No Data for the mixture as a whole but see individual constituents.

**Alcohols. C12-14(even numbered), ethoxylated <2.5 EO, sulphates, sodium salts. (CAS: 68891-38-3)**

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<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 175 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 2750 mg/kg/day General population - Inhalation; Long term systemic effects: 52 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 1650 mg/kg/day General population - Oral; Long term systemic effects: 15 mg/kg/day Data taken from the ECHA REACH Registration Portal.
<b>PNEC</b>	Industry - Fresh water; 0.24 mg/l Industry - Marine water; 0.024 mg/l Industry - Intermittent release; 0.071 mg/l Industry - Sediment (Freshwater); 0.9168 mg/kg Industry - Sediment (Marinewater); 0.09168 mg/kg Industry - STP; 10 g/l Data taken from the ECHA REACH Registration Portal.

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

No specific ventilation requirements.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Chemical splash goggles and face shield. Personal protective equipment for eye and face protection should comply with European Standard EN166.

#### Hand protection

Although the product is not classified as a skin irritant, the wearing of gloves is recommended for people with sensitive skin or for prolonged or repeated use. Wear protective gloves made of the following material: Butyl rubber. Nitrile rubber. Polyvinyl chloride (PVC). Rubber (natural, latex).

#### Other skin and body protection

Given the identified use of the product additional skin and body protection should not be required.

#### Hygiene measures

Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling. Take off immediately all contaminated clothing and wash it before reuse. Use appropriate hand lotion to prevent defatting and cracking of skin. Do not eat, drink or smoke when using this product. No other specific measures identified.

#### Respiratory protection

If used in accordance with section 7 of this MSDS the use of respiratory protection should not be required.

#### Thermal hazards

Not Applicable

#### Environmental exposure controls

Keep container tightly sealed when not in use. Store in a demarcated bunded area to prevent release to drains and/or watercourses.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Coloured liquid.
<b>Colour</b>	Orange.
<b>Odour</b>	Detergent.

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<b>Odour threshold</b>	Not available.
<b>pH</b>	pH (concentrated solution): 7.0 - 8.0
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	100 Degrees C (water)
<b>Flash point</b>	Not applicable. Water Based
<b>Evaporation rate</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Relative density</b>	0.995 - 1.055 @ 15°C
<b>Solubility(ies)</b>	Soluble in the following materials: Water
<b>Partition coefficient</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	This product is not considered oxidising based on chemical structure considerations.
<b>Comments</b>	Information given is applicable to the product in its ready-to-use form. Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.
<b><u>9.2. Other information</u></b>	
<b>Volatile organic compound</b>	Not relevant.

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### 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 at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

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

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid exposure to high temperatures or direct sunlight. Avoid freezing.

#### 10.5. Incompatible materials

**Materials to avoid** Acids - oxidising.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** No data for the product as a whole. See information on individual substances below.

#### Toxicological information on ingredients.

##### Alcohols, C12-14(even numbered), ethoxylated <2.5 EO, sulphates, sodium salts.

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 4,100.0

**Species** Rat

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

**ATE oral (mg/kg)** 4,100.0

##### Acute toxicity - dermal

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

**Species** Rat

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

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

##### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 20.01

**Species** Rat

**Notes (inhalation LC<sub>50</sub>)** REACH dossier information.

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<b>ATE inhalation (vapours mg/l)</b>	20.01
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Conclusive data but not sufficient for classification. Irritating to skin.
<b>Animal data</b>	Erythema/eschar score: Severe erythema (beef redness) to eschar formation preventing grading of erythema (4). Oedema score: Severe oedema - raised more than 1 mm and extending beyond area of exposure (4).
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Cornea score 24+48+72h the max score was 4 but was fully reversible. Based on the available data the substance is classified as eye damage 1 Causes serious eye damage.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	There is no evidence that the product can cause respiratory hypersensitivity.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Local Lymph Node Assay (LLNA) - Guinea pig: Not sensitising.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Gene mutation: Negative.
<b>Genotoxicity - in vivo</b>	Chromosome aberration: Negative.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Endpoint waived according to REACH Annex VII, IX or XI.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Endpoint waived according to REACH Annex VII, IX or XI.
<b>Reproductive toxicity - development</b>	Developmental toxicity: - NOAEL: >1000 mg/kg/day, Oral, Rat
<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>	NOAEL >225 mg/kg/day, Oral, Rat NOAEL 2.38 mg/kg/day, Dermal, Mouse The test substance did not produce dermal irritation after 91 days of treatment at a dose of 2.38 mg/day. Increasing the dose to 6.91 mg/day over 91 days did induce some irritation effects. No systemic effects were identified at either dose level.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not anticipated to present an aspiration hazard, based on chemical structure.



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### SECTION 12: Ecological Information

**Ecotoxicity** There is no Ecotoxicity data for the product as a whole. See data for individual constituents below.

#### 12.1. Toxicity

##### Ecological information on ingredients.

Alcohols. C12-14(even numbered), ethoxylated <2.5 EO, sulphates, sodium salts.

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hour: 7.1 mg/l, Brachydanio rerio (Zebra Fish)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hour: 7.2 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hour: 27 mg/l, Scenedesmus subspicatus

**Acute toxicity - microorganisms** NOEC, 28 days: 750 mg/kg, Eisenia fetida

**Acute toxicity - terrestrial** Not available.

#### 12.2. Persistence and degradability

##### Ecological information on ingredients.

Alcohols. C12-14(even numbered), ethoxylated <2.5 EO, sulphates, sodium salts.

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

**Biodegradation** Complete in 28 days.

#### 12.3. Bioaccumulative potential

**Partition coefficient** Not applicable.

##### Ecological information on ingredients.

Alcohols. C12-14(even numbered), ethoxylated <2.5 EO, sulphates, sodium salts.

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

#### 12.4. Mobility in soil

##### Ecological information on ingredients.

Alcohols. C12-14(even numbered), ethoxylated <2.5 EO, sulphates, sodium salts.

**Adsorption/desorption coefficient** - Log K<sub>oc</sub>: ~ 0.34 @ °C

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

##### Ecological information on ingredients.

Alcohols. C12-14(even numbered), ethoxylated <2.5 EO, sulphates, sodium salts.

**Results of PBT and vPvB assessment** According to REACH Registration portal this substance is not PBT/vPvB

#### 12.6. Other adverse effects

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### General information

The generation of waste should be minimised or avoided wherever possible. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Dispose of waste product or used containers in accordance with local regulations. Waste should be treated as controlled waste. Waste packaging should be collected for reuse or recycling.

##### Disposal methods

Larger quantities should be treated in a suitable plant or disposed of via a licensed waste disposal contractor. Following dilution, discharge to the sewer with plenty of water may be permitted. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority. Waste packaging should be collected for reuse or recycling.

##### Waste class

The following EU Waste Catalogue codes are applicable to this product: Liquid Waste 20 01 30 Detergents other than those mentioned in 20 01 29. Empty plastic containers can be disposed of using EU Waste code 15 01 02 plastic packaging. Note For a waste container to be classed as a packaging waste (15 01) it must be effectively 'empty'.

It is usually obvious if a container is 'empty', for example a half empty tin of solidified paint is not empty, but where there is a small amount of residual material a container will not be empty if that residual material can be removed by physical or mechanical means by applying normal industry standards or processes.

This means that all reasonable efforts must have been made to remove any left-over contents from the container. This may involve for example washing, draining or scraping. The method of emptying will depend on the container and the type of material it contains.

Note: if the design of the packaging, its aperture, or the adherent nature of the material does not permit it to be emptied then it will not be a packaging waste.

If a container is not 'empty' it is not packaging waste. It should be classified on the basis of its contents and the source or activity that produced it. Absorbents, wiping cloths and contaminated protective clothing should be disposed of under the following waste code: 15.02 02\* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances. These codes have been assigned based on the actual composition of the product as supplied. If mixed with other wastes, the waste codes quoted may not be applicable.

## BARTOLINE - Concentrated Wallpaper Stripper

### SECTION 14: Transport information

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

**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**

## BARTOLINE - Concentrated Wallpaper Stripper

### SECTION 15: Regulatory information

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

##### **National regulations**

Users of this product are reminded of their duties under the current Control of Substances Hazardous to Health Regulations and a suitable and sufficient assessment of all the risk should be undertaken before using this product. The guidelines given in the HSE publication COSHH ESSENTIALS - Easy Steps To Control Chemicals gives sound advice for deciding safe working control measures.

Control of Substances Hazardous to Health Regulations 2002 (as amended).

EH40/2005 Workplace exposure limits.

Health and Safety at Work etc. Act 1974 (as amended).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

##### **EU legislation**

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

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).

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).

##### **Guidance**

Workplace Exposure Limits EH40.

##### **Authorisations (Title VII Regulation 1907/2006)**

No specific authorisations are known for this product.

##### **Restrictions (Title VIII Regulation 1907/2006)**

No specific restrictions on use are known for this product.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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### SECTION 16: Other information

<b>General information</b>	Only trained personnel should use this material.
<b>Training advice</b>	The information on directions for use can be found on the product label. It is important to ensure that anyone using this product in the workplace has been adequately trained and in particular: The use of personal protective equipment, methods of cleaning up and disposal of waste. The basic first aid arrangements.
<b>Revision comments</b>	DUE TO CHANGE OF CLASSIFICATION DATABASE THE REVISION NUMBERING HAS BEEN RESET. You should therefore look at the revision date rather than the revision number to ensure you have the most up to date version. The only changes in this version are reformatting. NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Issued by</b>	Product Compliance Assistant
<b>Revision date</b>	26/11/2018
<b>Revision</b>	3
<b>Supersedes date</b>	07/06/2017
<b>SDS number</b>	4827
<b>Hazard statements in full</b>	H315 Causes skin irritation. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.

The information contained in this data sheet is provided in accordance with the requirements of the Regulation (EC) No 1907/2006 Annex II as amended by Regulation (EU) 2015/830 and Regulation (EC) No 1272/2008 (CLP). The product should not be used for purposes other than those shown in Section 1.2. As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet is based on the present knowledge and the current EU and UK Legislation. It provides guidance on health, safety and environmental aspects of the product and should not be taken as a product specification. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.