

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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POOL CLEAN

Revision 0
Revision date 2008-10-07

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

1.1. Product identifier

Product name POOL CLEAN

1.3. Details of the supplier of the safety data sheet

Company	Ambassador Pools
Address	3 – 5 Wessex Road Ringwood Hants BH24 1XB
Web	www.ambassadorpools.co.uk
Telephone	+44 (0)1425 477050
Fax	+44 (0)1425 477033
Email	sales@ambassadorpools.co.uk

1.4. Emergency telephone number

Emergency telephone number +44 (0)1425 477050
0900 - 1600 hrs

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/E C	Xi; R36/38 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes and skin.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Bis (2-hydroxyethyl) tallow alkylamine		61791-44-4	263-177-5		1 - 5% C; R34 Xn; R22 N; R50	
Tallowtrimethylammonium chloride		232-447-4			<1% C; R34 Xn; R22 N; R50	
Hydrochloric acid	017-002-01-X		231-595-7		5 - 15% C; R34 Xi; R37	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Keep the affected person warm and at rest. Seek medical attention if irritation or symptoms persist.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses

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4.1. Description of first aid measures

Skin contact	should be removed. Seek medical attention if irritation or symptoms persist. Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink 1 to 2 glasses of water. Never give anything by mouth to an unconscious person. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions. Cool fire exposed containers with waterspray.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes. Hydrogen chloride. Carbon oxides. Nitrogen oxides.
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5.3. Advice for firefighters

	In case of fire and/or explosion do not breathe fumes. Wear self contained breathing apparatus and protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Wear suitable protective equipment. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC). Neoprene gloves.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

Colour	Blue
Odour	Pleasant
Relative density	ca 1.035 g/ml
Description	Viscous liquid.
Water solubility	Soluble in water

Water solubility

Soluble in water.

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Ammonia. Oxidising agents.

10.4. Conditions to avoid

Heating produces hazardous fumes.

10.6. Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes.
Hydrogen chloride. Nitrogen oxides.
Under some circumstances, may corrode certain metals, including aluminium and zinc and generate hydrogen gas.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Irritating to eyes and skin.
Repeated or prolonged exposure	May cause irritation to mucous membranes.

11.1.4. Toxicological Information

Bis (2-hydroxyethyl) tallow alkylamine	Oral Rat LD50: 1350 mg/kg
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SECTION 12: Ecological information

12.1. Toxicity

Bis (2-hydroxyethyl) tallow alkylamine	Daphnia EC50/48h: 0.1 mg/l	Fish LC50/96h: 0.1 mg/l
Tallowtrimethylammonium chloride	Fish LC50/96h: 0.1 mg/l	

12.3. Bioaccumulative potential

Low bioaccumulation potential.

12.4. Mobility in soil

Soluble in water.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Further information

The product is not classified as dangerous for carriage.


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SECTION 15: Regulatory information

Labelling

Symbols	<p>The product is classified in accordance with 67/548/EEC.</p> <p>Xi: Irritant.</p> <div style="text-align: center;">  </div>
Risk phrases	R36/38 - Irritating to eyes and skin.
Safety phrases	<p>S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S28 - After contact with skin, wash immediately with plenty of soap and water.</p> <p>S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.</p>

SECTION 16: Other information

Other information

Text of risk phrases in Section 3	<p>R22 - Harmful if swallowed.</p> <p>R34 - Causes burns.</p> <p>R37 - Irritating to respiratory system.</p> <p>R50 - Very toxic to aquatic organisms.</p>
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Further information

	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.</p>
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