
SAFETY DATA SHEET

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

1.1. Product identifier

Product Name: Slatted Cover Scale Remover
Datasheet Number: 112 1. 1. 0

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

Removal of scale from slatted PVC pool covers

1.3. Details of the supplier of the safety data sheet

Name of Supplier: Plastica Ltd
Address of Supplier: Perimeter House
Napier Road
St Leonards-on-Sea
East Sussex TN38 9NY
United Kingdom
Telephone: +44 (0) 1424 857857
Fax: +44 (0) 1424 857858
Responsible Person:
Email: info@plasticapools.net

1.4 Emergency telephone number 0800 043 0891 - Technical
0800 043 0892 - Emergency

2. Hazards identification

2.1 Classification of the substance or mixture

Classification 1999/45/EC
- Xi; R36/38

2.2 Label Elements:



- Xi: Irritant

Risk phrases

- Irritating to eyes and skin

Safety Phrases

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- After contact with skin, wash immediately with plenty of soap and water.
- Wear suitable protective clothing, gloves and eye/face protection.

2.3 Other Hazards:

- Irritating to eyes and skin
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3. Composition/information on ingredients

3.1 Mixtures:

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*
Bis (2-hydroxyethyl) tallow alkylamine	1-5%	61791-44-4	263-177-5	C; R34, Xn; R22, N; 50,
Tallowtrimethylammonium chloride	<1%	232-447-4		C; R34, Xn; R22, N; R50

Chemical Name	Concentration	Index Number	EC Number	R/H Phrases
Hydrochloric acid	5-15%	017-002-01-X	231-595-7	C; R34, Xi; R37

See Section 16

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 should be removed. See medical attention if irritation or symptoms persist.
 - Skin Contact: Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. See medical attention if irritation or symptoms persist.
 - Ingestion: rinse mouth. 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. See medical attention if irritation or symptoms persist.
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Section 5: Fire-fighting measures

5.1 Extinguishing media

- Use extinguishing media appropriate to the surrounding fire conditions.
- Cool fire exposed containers with waterspray.

5.2 Special hazards arising from the substance or mixture

- Burning produces irritating, toxic and obnoxious fumes.
- Hydrogen chloride. Carbon oxides. Nitrogen oxides.

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.

6.2 Environmental Precautions

- Do not allow to enter drains.
- Prevent further spillage if safe.

6.3 Methods and material for containment and cleaning up

- Absorb with inert, absorbant material.
- Sweep up.
- Transfer to suitable, labelled containers for disposal.
- Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections

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.

7.2 Conditions for safe storage, including any incompatibilities

- Store away from other materials.
- Store in a well-ventilated place. Keep cool.
- Store in a dry place.
- Keep only in original container

7.3 Specific end use(s)

- No information available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

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/hand protection. Chemical resistant gloves (PVC). Neoprene gloves.
- Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Occupational exposure controls

- In case of inadequate ventilation wear respiratory protection.
- Wear rubber gloves
- When handling this substance, eg. sampling, wear goggles giving complete eye protection
- Wear apron or other light protective clothing

Section 9. Physical & Chemical Properties

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

9.2 Other information

Section 10. Stability and reactivity

10.1 Reactivity

- No information available.

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.

10.5 Incompatible materials

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

Section 12. Ecological information

12.1 Toxicity

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

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulation Potential

- Low bioaccumulation potential.

12.4 Mobility in soil

- Soluble in water.

12.5 Results of PBT and vPvB assessment

- No information available.

12.6 Other Adverse Effects

- No information available.

Section 13. Disposal considerations

13.1 Waste treatment methods

- Dispose of in compliance with all local and national regulations.

Section 14. Transport information

The product is not classified as dangerous for carriage.

14.1 UN Number

14.2 UN Proper Shipping Name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Section 15. Regulatory information

The product is classified in accordance with 67/548/EEC

Xi: Irritant



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

15.2 Chemical Safety Assessment

Section 16. Other information

Text of R and S phrase codes used in this safety data sheet:- R22: Harmful if swallowed. R34: Causes burns. S28: After contact with skin, wash immediately with plenty of soap and water. S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

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 PLASTICA'S limited knowledge and belief, accurate, and reliable as of the date of authorisation of this safety data sheet. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to be satisfied as to the suitability and completeness of such information for the product as used.

