

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: SWARFEGA PATIO AND DRIVEWAY CLEANER

Use / description of product: Patio and Driveway Cleaner

Company name: DEB Ltd
108 Spencer Road
Belper
Derbyshire
DE56 1JX
Tel: 01773 596700
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2. COMPOSITION / INFORMATION ON INGREDIENTS

- Ingredients:** NONIONIC SURFACTANT #2 <1%
CAS: 68439-46-3
[Xi] R41
- NONIONIC SURFACTANT #3 1-10%
CAS: 68439-46-3
[Xn] R22; [Xi] R41
 - EDTA 100% 1-10%
[Xi] R38; [Xi] R41
 - SODIUM HYDROXIDE 1-10%
EINECS: 215-185-5 CAS: 1310-73-2
[C] R35
 - BAC100 1-10%
[Xn] R22; [C] R34

3. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes and skin.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: No symptoms.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash contaminated skin immediately with soap and water. Remove contaminated clothing and launder before re-use. Seek medical advice if irritation persists.

Eye contact: Wash immediately with clean water for at least 10 minutes. If any soreness or irritation persists seek medical advice.

Ingestion: Rinse mouth and throat thoroughly. Give about 1/2 pint of liquid to drink. Obtain immediate medical advice.

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Inhalation: Not Applicable

5. FIRE-FIGHTING MEASURES

Extinguishing media: This product is water based and will not support combustion. Suitable extinguishing media for the surrounding fire should be used.

Protection of fire-fighters: Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not allow to contaminate watercourses or rivers.

Clean-up procedures: In the event of spillage mop up bulk and dilute remainder to foul drain with water. Treat large spillages as industrial waste.

7. HANDLING AND STORAGE

Handling requirements: Do not mix with any material other than water, as directed. Wear suitable personal protective equipment, as detailed in section 8. If the product is to be used for an application other than that stated on the label, contact Technical Services Hotline (01773 880367) to check suitability.

Storage conditions: Protect from extremes of temperature. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients: SODIUM HYDROXIDE
STEL (15 min exposure limit): 2 mg/m³ (OES)

Hand protection: Wear suitable natural rubber latex or nitrile gloves. Take further advice from reputable glove manufacturer / supplier regarding suitability / useful contact time of their recommended gloves.

Eye protection: Safety goggles or face shield should be worn if the product is used through high pressure equipment or splashing is anticipated.

Skin protection: Waterproof overalls and shoes / boots should be worn if the product is used through high pressure equipment or if splashing is anticipated.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Pale blue

Odour: Characteristic odour

Evaporation rate: Negligible

Solubility in water: Soluble

Viscosity: Non-viscous

pH: 12-13

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Avoid extremes of temperature. Direct sunlight.

Materials to avoid: Avoid contact with Anionic substances.

11. TOXICOLOGICAL INFORMATION

Ingredients: SODIUM HYDROXIDE
IPR MUS LD50 40 mg/kg
ORL RBT LDLO 500 mg/kg
• BAC100
ORL RAT LD50 795 mg/kg

Routes of exposure: Skin Contact- May cause irritation / dryness or defatting of the skin with prolonged contact. Eye contact- Irritant and may cause inflammation. Ingestion - May cause gastrointestinal inflammation. All companies / businesses should satisfy themselves as to the suitability of the product by carrying out a risk assessment.

12. ECOLOGICAL INFORMATION

Mobility: Non-volatile. Soluble in water.

Persistence and degradability: This product conforms to current EEC directives on biodegradability.

Other adverse effects: May be harmful to aquatic organisms due to pH shift.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Absorb large spills with sand or other inert media, and dispose of to an approved landfill site, contact local authorities for further information

Disposal of packaging: Drain well. Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: -

Shipping name: NOT CLASSIFIED FOR TRANSPORT

IMDG / IMO

UN no: -

IATA / ICAO

UN no: -

15. REGULATORY INFORMATION

Hazard symbols: Irritant.



Risk phrases: R36/38: Irritating to eyes and skin.

Safety phrases: S2: Keep out of the reach of children.
S24/25: Avoid contact with skin and eyes.

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S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S46: If swallowed, seek medical advice immediately and show this container or label.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. ADDITIONAL INFORMATION

Additional information: For additional information regarding Deb products please contact the Deb Technical Services Department (01773 880367). In all cases of potential poisoning supportive therapy is of the utmost importance. If medical professionals require advice regarding first aid treatment all Deb products are registered at Guys Hospital, London. The above information complies with the 199/45/EC Directive and its amendments. Always ensure users are fully trained and read label before using product. Data Compiled using Raw Material Supplier Data and Lycos Classification System. Reason for revision - change in safety phrases.

Risk phrases used in s.2: R41: Risk of serious damage to eyes.
R22: Harmful if swallowed.
R38: Irritating to skin.
R35: Causes severe burns.
R34: Causes burns.

Legal disclaimer: The purpose of the above information is to describe the products only in terms of health and safety requirements. The information given should not, therefore, be construed as guaranteeing specific properties or as specification. Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.