

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

Product name: SWARFEGA POWERWASH HIFOAM
Use / description of product: Mild Alkaline Cleaner
Company name: DEB Ltd
108 Spencer Road
Belper
Derbyshire
DE56 1JX
Tel: 01773 596700
Fax: 01773 820482

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: QUATERNARY AMMONIUM COMPOUND 1-10%
EINECS: 269-919-4 CAS: 68391-01-05
[Xn] R21/22; [C] R34; [N] R50

- SODIUM METASILICATE <1%
EINECS: 229-912-9 CAS: 6834-92-0
[C] R34; [Xi] R37
- SODIUM NTA 1-10%
CAS: 5064-31-3
[Xi] R36/38
- ETHOXYLATED ALCOHOLS C9-11 6,5 EO 1-10%
CAS: 68439-46-3
[Xn] R22; [Xi] R41
- AMINE OXIDE 1-10%
CAS: 1643-20-5
[Xi] R38; [Xi] R41

3. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes and skin.
Other hazards: Irritating to eyes. Irritating to skin.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be 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: Unlikely to give any symptoms. In extreme cases may cause mild irritation or nausea.

SAFETY DATA SHEET

SWARFEGA POWERWASH HIFOAM

4. FIRST AID MEASURES (ACTION)

- Skin contact:** Wash immediately with plenty of soap and water. 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:** Wash out mouth with water. Do not induce vomiting. Seek medical attention.
- Inhalation:** Remove to fresh air and seek medical advice if symptoms persist.

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:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS.
- 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. Avoid contact with the eyes and skin. 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 out of reach of children.
- Suitable packaging:** Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Respiratory protection:** Respiratory protection not required.
- Hand protection:** Wear nitrile or plastic coated gloves. Take further advice from reputable glove manufacturer / supplier regarding suitability / useful contact time of their recommended gloves.
- Eye protection:** Safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Colour:** Pale yellow
- Odour:** Characteristic odour
- Relative density:** 1.10 g/cm³
- pH:** 12.5 - 13.0

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Avoid extremes of temperature.
- Materials to avoid:** Strong acids.

11. TOXICOLOGICAL INFORMATION

- 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 nausea, irritation to the digestive system may occur. Inhalation: Not a likely route of exposure

12. ECOLOGICAL INFORMATION

- 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:** Dispose of according to local authority regulations.
- 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**

- Shipping name:** (Not Classified)

IMDG / IMO**IATA / ICAO****15. REGULATORY INFORMATION**

- Hazard symbols:** Irritant.



- Risk phrases:** R36/38: Irritating to eyes and skin.
- Safety phrases:** S24/25: Avoid contact with skin and eyes.
- S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S28: After contact with skin, wash immediately with plenty of water
- 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

SAFETY DATA SHEET
SWARFEGA POWERWASH HIFOAM

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: R21/22: Harmful in contact with skin and if swallowed.

R34: Causes burns.

R50: Very toxic to aquatic organisms.

R37: Irritating to respiratory system.

R36/38: Irritating to eyes and skin.

R22: Harmful if swallowed.

R41: Risk of serious damage to eyes.

R38: Irritating to skin.

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.