

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

**Product name:** SWARFEGA POWERWASH PLUS  
**Use / description of product:** Traffic Film Remover  
**Company name:** DEB Ltd  
108 Spencer Road  
Belper  
Derbyshire  
DE56 1JX  
Tel: 01773 596700  
Fax: 01773 820482

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredients:** CATIONIC SURFACTANT #2 1-10%  
CAS: 68989-03-7  
[Xi] R36; [N] R51/53

- NONIONIC SURFACTANT #3 1-10%  
CAS: 68439-46-3  
[Xn] R22; [Xi] R41
- EDTA 100% 1-10%  
[Xi] R38; [Xi] R41
- SODIUM HYDROXIDE <1%  
EINECS: 215-185-5 CAS: 1310-73-2  
[C] R35
- AMPHOTERIC SURFACTANT #2 1-10%  
[Xi] R36

## 3. HAZARDS IDENTIFICATION

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

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be irritation at the site of contact.  
**Eye contact:** There may be irritation and pain.  
**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.

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash contaminated skin immediately with soap and water. Remove contaminated clothing and launder before re-use.  
**Eye contact:** Wash immediately with clean water for at least 10 minutes. If any soreness or irritation persists seek medical advice.

# SAFETY DATA SHEET

## SWARFEGA POWERWASH PLUS

**Ingestion:** Rinse mouth and throat thoroughly. Give about 1/2 pint of liquid to drink. Obtain immediate medical advice. Do not induce vomiting.

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

**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.

**Suitable packaging:** Must only be kept in original packaging.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Ingredients:** SODIUM HYDROXIDE  
STEL (15 min exposure limit): 2 mg/m<sup>3</sup>

**Hand protection:** Wear nitrile or plastic coated solvent resistant 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:** Red

**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:** Direct sunlight. Avoid extremes of temperature.**Haz. decomp. products:** None known.**11. TOXICOLOGICAL INFORMATION****Ingredients:** SODIUM HYDROXIDE

IPR MUS LD50 40 mg/kg

ORL RBT LDLO 500 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. Inhalation- No fumes evolved**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:** 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****UN no:** -**Shipping name:** NOT CLASSIFIED FOR TRANSPORT**IMDG / IMO****UN no:** -**Labelling:** Not Classified for Transport**IATA / ICAO****UN no:** -**Labelling:** Not Classified for Transport**15. REGULATORY INFORMATION****Hazard symbols:** Irritant.

**SAFETY DATA SHEET**  
**SWARFEGA POWERWASH PLUS**

**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.

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

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.

First Issue.

**Risk phrases used in s.2:** R36: Irritating to eyes.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R22: Harmful if swallowed.

R41: Risk of serious damage to eyes.

R38: Irritating to skin.

R35: Causes severe 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.