

SAFETY DATA SHEET

GRAFFITI REMOVER

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Issued: 04/02/2004

Revision No: 1

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

Product name: GRAFFITI REMOVER

Use / description of product: Product for the removal of graffiti.

Company name: DEB Ltd

108 Spencer Road

Belper

Derbyshire

DE56 1JX

Tel: 01773 596700

Fax: 01773 820482

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: N-METHYL-2-PYRROLIDONE 30-50%

EINECS: 212-828-1 CAS: 872-50-4

[Xi] R36/38

- PROPYLENE CARBONATE 50-70%

EINECS: 203-572-1 CAS: 108-32-7

[Xi] R36

- NONIONIC SURFACTANT #4 1-10%

CAS: 24938-91-8

[Xn] R22; [Xi] R41

3. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes and skin.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness 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: There may be irritation of the throat with a feeling of tightness in the chest.

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: Bathe the eye with running water for 15 minutes. If any soreness or irritation persists seek medical advice.

Ingestion: Give about 1/2 pint of liquid to drink. Obtain immediate medical advice. DO NOT INDUCE VOMITING DUE TO THE DANGER OF ASPIRATION.

Inhalation: Remove to fresh air and seek medical advice if symptoms persist.

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Extinguishing media: Dry chemical powder. Water spray. Water fog. Alcohol or polymer foam. Do not use water jets.

Protection of fire-fighters: Wear self-contained breathing apparatus. 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 other materials, including water. Wear suitable personal protective equipment, as detailed in section 8. Avoid contact with the eyes and skin. Avoid inhalation of high concentrations of mist. 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: Store in cool, well ventilated area. 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: N-METHYL-2-PYRROLIDONE
TWA (8 hr exposure limit): 103 mg/m³ STEL (15 min exposure limit): 309 mg/m³ (OES)

Engineering measures: Ensure there is sufficient ventilation of the area.

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: Wear suitable eye protection such as safety goggles or a face shield.

Skin protection: Not required under normal conditions or unless contact is prolonged.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless / Pale Yellow

Odour: Characteristic odour

Evaporation rate: Negligible

Solubility in water: Soluble

Viscosity: Slightly viscous.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

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

Materials to avoid: Water. Acids. Bases.

Haz. decomp. products: Oxides of carbon.

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GRAFFITI REMOVER**11. TOXICOLOGICAL INFORMATION****Ingredients:** N-METHYL-2-PYRROLIDONE

ORL MUS LD50 5130 mg/kg

ORL RAT LD50 7 gm/kg

SCU RAT LD50 >2 gm/kg

- PROPYLENE CARBONATE

ORL MUS LD50 20700 mg/kg

ORL RAT LD50 29100 µl/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 - Fumes may cause irritation.**12. ECOLOGICAL INFORMATION****Mobility:** Soluble in water.**Persistence and degradability:** This product conforms to current EEC directives on biodegradability.**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 household 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 for Transport**IMDG / IMO****IATA / ICAO****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.

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

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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: R36/38: Irritating to eyes and skin.
R36: Irritating to eyes.
R22: Harmful if swallowed.
R41: Risk of serious damage to eyes.

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.