

SAFETY DATA SHEET

SWARFEGA JIZER

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Issued: 25/08/2004

Revision No: 3

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

Product name: SWARFEGA JIZER

Use / description of product: Solvent Degreaser

Company name: DEB Ltd

108 Spencer Road

Belper

Derbyshire

DE56 1JX

Tel: 01773 596700

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: HYDROCARBON SOLVENT #2 >90%

EINECS: 265-150-3 CAS: 64742-48-9

[Xn] R65; [Xi] R38; [N] R51/53

- NONIONIC SURFACTANT #2 1-10%

CAS: 68439-46-3

[Xi] R41

3. HAZARDS IDENTIFICATION

Main hazards: Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Unlikely to cause irritation on single contact. Prolonged or repeated contact may cause short term irritation.

Eye contact: There may be irritation and redness.

Ingestion: The swallowing of small amounts is unlikely to have adverse effects. Ingestion of large amounts may cause irritation with diarrhoea and vomiting.

Inhalation: Fumes or vapour may cause irritation, nausea or drowsiness.

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.

Ingestion: Rinse mouth and throat thoroughly. 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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5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Dry chemical powder.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Protection of fire-fighters: Protect containers from heat by cooling with water spray. Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Treat any spillage as a fire hazard. Spray, vapour or mist can be apotential fire or explosion hazard. May cause damage to surfaces making them slippery.

Environmental precautions: Dispose of as special waste. Do not discharge into drains or rivers.

Clean-up procedures: Absorb into dry earth or sand. Dispose of as special 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. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. 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

Occupational exposure limits

TWA (8 hr exposure limit): 800mg/cubic metre (OES)

Engineering measures: Ensure there is sufficient ventilation of the area. Monitor exposure using suitable equipment such as Drager Air Pump. Ensure TWA is not exceeded. Ensure any spills do not enter watercourses or drainage systems.

Respiratory protection: Unlikely to be required in normal use. Use in well ventilated area. It is suggested that exposure is kept within the Occupational Exposure Limits for vapours established by the Reciprocal Calculation Procedure for mixed exposures to hydrocarbon solvents in HSE Guidance Note EH40: (8 hour TWA reference period) - 800 mg/cubic metre.

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: If contact or splashing is anticipated wear protective solvent proof overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Red

Odour: Characteristic solvent odour.

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Evaporation rate: Slow
Solubility in water: Insoluble
Viscosity: Non-viscous
Boiling point/range°C: 180-270
Melting point/range°C: Not Applicable
Flash point°C: 61
pH: Not Applicable

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: At temperatures above the flash point, flammable vapours are produced. If product is used through a recirculating bath system, the addition of even very small amounts of low flash point solvents can dramatically alter the flash point of the whole product. In degreasing bath applications, frequent solvent changes are recommended.
Materials to avoid: Strong oxidising agents.
Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Routes of exposure: Inhalation - May cause irritation to eyes, nose and throat following exposure to mists, vapours and fumes. 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. DO NOT INDUCE VOMITING DUE TO THE DANGER OF ASPIRATION. All companies / businesses should satisfy themselves as to the suitability of the product by carrying out a risk assessment.

12. ECOLOGICAL INFORMATION

Persistence and degradability: Aquatic Pollutant. Do not allow to enter water courses or sewers. Expected to biodegrade slowly. Do not allow to absorb into ground.
Bioaccumulative potential: Bioaccumulation potential.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Unwanted material should be disposed of as hazardous waste by registered contractor.
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 for transport

IMDG / IMO

IATA / ICAO

15. REGULATORY INFORMATION

Hazard symbols: Harmful.

Dangerous for the environment.



Risk phrases: R38: Irritating to skin.

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

R65: Harmful: may cause lung damage if swallowed.

Safety phrases: S2: Keep out of the reach of children.

S29: Do not empty into drains.

S51: Use only in well-ventilated areas.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

S62: If swallowed, do not induce vomiting: 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 re-issue - update of transport information

Risk phrases used in s.2: R65: Harmful: may cause lung damage if swallowed.

R38: Irritating to skin.

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

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.