



## SAFETY DATA SHEET

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JIZER BIO

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Revision No: 2

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

**Company Name:** DEB Ltd  
**108 Spencer Road**  
**Belper**  
**Derbyshire**  
**DE56 1JX**  
**Tel: 01773 596700**  
**Fax: 01773 820482**

**Product name:** JIZER BIO

**Use / description of product:** Heavy Duty Cleaner & Degreaser

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Contains:** Blend of surfactants and non-caustic alkaline builders.

Non Ionic Surfactant	CAS No: 68439-46-3	EINECS No: Polymer	[Xn] R22,41
Sodium Metasilicate	CAS No: 6834-92-0	EINECS No: 229-912-9	[C] R34
Amphoteric Surfactant	CAS No: 90170-43-7	EINECS No: 290-476-8	[Xi] R36
Triethanolamine	CAS No: 102-71-6	EINECS No: 203-049-8	[Xn] R 48/22 , 41

### 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 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.

**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.

**Inhalation:** Not Applicable

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** This product is water based and will not support combustion.

### 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.

[cont...]

**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**

**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:** Green

**Odour:** Characteristic odour

**Viscosity:** Non-viscous

**Evaporation rate:** Negligible

**Solubility in water:** Soluble

**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**

**Effects 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**

**Waste disposal:** In the event of spillages or leaks mop up bulk and dilute remainder to foul drain with water. For large volumes follow local authority regulations.

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

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**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.

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

S37/39: Wear suitable gloves and eye / face protection.

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

**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 - Chip 3 Compliance

**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.