

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**Product name:** ODEX PURPLE PIPELINE CLEANER**Product code:** B**Use of substance / preparation:** Detergant with indicator for the cleaning of beerlines.**Company name:** DEB Ltd

108 Spencer Road

Belper

Derbyshire

DE56 1JX

Tel: 01773 596700

Fax: 01773 820482

Email: reach@deb.co.uk

2. HAZARDS IDENTIFICATION**Main hazards:** Causes burns. Contact with acids liberates toxic gas.**Other hazards:** Contact with acids liberates toxic gas. Risk of severe ocular lesions.**3. COMPOSITION / INFORMATION ON INGREDIENTS****Hazardous ingredients:** SODIUM HYPOCHLORITE SOLUTION CL ACTIVE 1-10%

EINECS: 231-668-3 CAS: 7681-52-9

[-] R31; [C] R34; [N] R50

- POTASSIUM HYDROXIDE 1-10%

EINECS: 215-181-3 CAS: 1310-58-3

[Xn] R22; [C] R35

Contains: Aqua

Sodium Hydroxide.

Potassium Hydroxide

Potassium Polyphosphate

Potassium Permanganate

4. FIRST AID MEASURES (SYMPTOMS)**Skin contact:** Causes irritation or burns**Eye contact:** Causes irritation or burns**Ingestion:** Causes burns to mouth throat & stomach**Inhalation:** Fumes or vapour may cause irritation, nausea or drowsiness.

4. FIRST AID MEASURES (ACTION)

- Skin contact:** Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing & shoes. Wash clothing before re-use.
- Eye contact:** Wash immediately with clean water for at least 10 minutes, while lifting eye lids. Seek medical advice immediately. Continue to rinse.
- 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.

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. 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.
- Environmental precautions:** Contain and collect the spillage and absorb onto sand earth or absorbant granules. 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. For large spills absorb bulk liquid into sand, earth or granules and consult local authority for disposal.

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 away from direct sunlight.
- Suitable packaging:** Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Hazardous ingredients:** POTASSIUM HYDROXIDE
WEL (15 min STEL): 2 mg/m³
- Respiratory protection:** Unlikely to be required in normal use.
- 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:** 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:** Purple**Odour:** Characteristic bleach type odour.**Evaporation rate:** Negligible**Solubility in water:** Soluble**Viscosity:** Non-viscous**Flash point°C:** Not Applicable**Relative density:** 1.085**pH:** 14.0**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Avoid extremes of temperature. Direct sunlight.**Materials to avoid:** Do NOT mix with any acids, as this may liberate chlorine gas. Aluminium. Zinc. Lead Tin.**Haz. decomp. products:** None known.**11. TOXICOLOGICAL INFORMATION****Hazardous ingredients:** SODIUM HYPOCHLORITE SOLUTION...100% CL ACTIVE

ORL MUS LD50 5800 mg/kg

- POTASSIUM HYDROXIDE

ORL RAT LD50 273 mg/kg

Routes of exposure: Skin Contact - will cause burns. Eye Contact - Burns to the eye will occur. Ingestion - May cause gastrointestinal inflammation. Inhalation - Fumes may cause irritation. All companies / businesses should satisfy themselves as to the suitability of the product by carrying out a risk assessment.**12. ECOLOGICAL INFORMATION****Mobility:** 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:** 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 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: 3266 **ADR Class:** 8
Packing group: II **Classification code:** C5
Shipping name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM HYPOCHLORITE SOLUTION...100% CL ACTIVE; POTASSIUM HYDROXIDE)
Labelling: 8 **Hazard ID no:** 80

**IMDG / IMO**

UN no: 3266 **Class:** 8
Packing group: II **EmS:** F-A,S-B
Marine pollutant: .
Labelling: 8

IATA / ICAO

UN no: 3266 **Class:** 8
Packing group: II
Packing instructions: 808(P&CA); 812(PAO)
Labelling: 8

15. REGULATORY INFORMATION

Hazard symbols: Corrosive.



Risk phrases: R34: Causes burns.
R31: Contact with acids liberates toxic gas.

Safety phrases: S1/2: Keep locked up and out of the reach of children.
S23: Do not breathe fumes.
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.
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label)

SAFETY DATA SHEET
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where possible).

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

S50: Do not mix with acids or other cleaning chemicals.

Precautionary phrases: Warning! Do not use together with other products. May release dangerous gases (chlorine).

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. OTHER INFORMATION

Other 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.

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.

If medical professionals require advice regarding first aid treatment, all Deb products are registered with the National Poisons Unit, Birmingham Telephone no 0870 600 6266.

Reason for re-issue - revision of information.

Risk phrases used in s.3: R31: Contact with acids liberates toxic gas.

R34: Causes burns.

R50: Very toxic to aquatic organisms.

R22: Harmful if swallowed.

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.