

Safety Data Sheet

Purple Beer Line Cleaner

1. Identification of the Substance / Preparation and of the Company / Undertaking		
Product Name		Purple Beer Line Cleaner
Product Code		BC1
Use / Description of Product		A purple sterilising liquid with a hypochlorite odour.
Company Name		Berties Direct Limited Unit 34, Wem Business Park, New Street, Wem, Shropshire, SY4 5JX Tel: 01939 234232 Fax: 01939 235147

2. COMPOSITION/INFORMATION ON INGREDIENTS		
Product Description		A very effective and safe sterilising cleanser which when used as directed, maintains beer lines, pipes and valves in top condition. Can be used to sterilise all types of liquid pumpline systems in the food industry.
Hazardous Ingredients		SODIUM HYPOCHLORITE SOLUTION CL ACTIVE 1-10% EINECS: 231-668-3 CAS: 7681-52-9 (2) R31: (C) R34; (N) R50 >SODIUM HYDROXIDE< 1-10% EINECS: 215-185-5 CAS: 1310-73-2 (C) R35 POTASSIUM PERMANGANATE <1% EINECS: 231-760-3 CAS: 7722-64-7 (O) R8; (Xn) R22; (N) R50/53

3. HAZARDS IDENTIFICATION		
Main Hazards:		Irritating to eyes and skin
Other hazards:		Due to the high concentration of chemicals, the bottles used may expand.

4. FIRST-AID MEASURES		
Skin Contact:		There may be irritation and redness at the site of contact, Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water
Eye Contact:		There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage. Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion:		There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur, Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation:		There may be irritation of the throat with a feeling of tightness to the chest. Remove casualty from exposure ensuring one's own safety whilst doing so.

5. FIRE-FIGHTING MEASURES		
Extinguishing Media:		Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers
Exposure Hazards:		In combustion emits toxic fumes
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:		Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS.
Environmental precautions:		Turn leaking containers leak - side up to prevent the escape of liquid. Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean - up procedures:		Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE		
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Handling requirements:		Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Storage Conditions		Avoid the formation or spread of mists in the air. Store in a cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures:		Ensure there is sufficient ventilation of the area.
Respiratory protection:		Self-contained breathing apparatus must be available in case of emergency.
Hand protection:		Protective gloves
Eye protection:		Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection:		Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State:		Liquid
Colour:		Purple
Odour:		Characteristic odour
Solubility in water:		Soluble
Viscosity:		Non - viscous
Ph:		Approx 14

10. STABILITY AND REACTIVITY

Stability:		Stable under normal conditions
Conditions to avoid:		Heat
Materials to avoid:		Strong oxidising agents. Strong acids
Haz.decomp.products:		In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients:		SODIUM HYPOCHLORITE SOLUTION CL ACTIVE ORL MUS LD50 5800 mg/kg POTASSIUM PERMANGANATE ORL MUS LD50 2157mg/kg ORL RAT LD50 1090 mg/kg
Routes of exposure:		Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility:		Readily absorbed into soil
Persistence and degradability:		Biodegradable
Bioaccumulative potential:		No bioaccumulation potential
Other adverse effects:		Negligible ecotoxicity

13. DISPOSAL CONSIDERATIONS

Disposal Operations:		Transfer to a suitable container and arrange for collection by a specialised disposal company.
NB:		The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

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ADR/RID Packaging group: Shipping Name: Labelling: ADR Class: Classification code: Hazard ID no: IMDG/IMO Packaging Group Class EmS: Marine Pollutant Labelling: IATA/ICAO Packaging Group Packing Instruction Labelling Class Subsidiary risk:		UN no: 3093 11 CORROSIVE LIQUID, OXIDISING N.O.S 8 8 C01 85 UN no: 3093 11 8 F-A,S-Q 8+5.1 UN no: 3093 11 809 (P&CA); 813 (PAO) 8+5.1 8 5.1
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15. REGULATORY INFORMATION		
Hazard Symbols: Risk Phrases: Safety Phrases: Precautionary phrases: Haz. ingredients (label): Note:		Irritant R36/38: Irritating to eyes and skin. S2: Keep out of the reach of children S46: If swallowed, seek medical advice immediately and show this container or label. Warning! Do not use with other products. May release dangerous gases (chlorine). >SODIUM HYDROXIDE< The regulatory information given above only indicates the principal regulations specifically applicable to the product describe din 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		
Risk phrases used in s.3:		R31: Contact with acids R34: Causes Burns R50: Very toxic to aquatic organisms R35: Causes severe burns R8: Contact with combustible material may cause fire R22: Harmful if swallowed R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the Aquatic environment