

# MATERIAL SAFETY DATA SHEET

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## PRODUCT : BEER LINE CLEANER

CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA.

Product Code: 0010155

Other names: N/A

UN Number: 1760	Shipping Name: CORROSIVE LIQUIDS N.O.S.
Hazchem Code: 2R	DG Class : 8
Subsidiary Risk: None allocated	Poison Schedule: S6
Packaging Group: III	

### PHYSICAL DESCRIPTION/PROPERTIES

Use:	A heavy duty detergent liquid suited for the removal of scale from beer lines and pipes.		
Appearance :	Transparent , straw, non viscous liquid	Odour :	faint
Specific Gravity:	1.22	Vapour Pressure:	Not determined
Solubility in water:	Not applicable	Flash Point :	Not applicable
Boiling/Melting Points:	Not applicable	Flammability Limits :	Not applicable
Other Properties:	Nil	pH :	13- 14 (undiluted)

### INGREDIENTS

Chemical	CAS Number	Proportion (w/v)
Sodium Metasilicate	6834-92-0	< 5%
Sodium Hydroxide	1310-73-2	12.5 %
Potassium hydroxide	1310-58-3	10.0%
Ingredients determined non-hazardous	not required	>70%

### FIRST AID:

<b>Swallowed:</b>	DO NOT induce vomiting. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; ie, becoming unconscious. Give water (or milk) to rinse out mouth. Then provide liquid slowly and as much as casualty can comfortably drink. Seek immediate medical advice.
<b>Eye:</b>	Immediately irrigate with copious quantities of water for at least 15 minutes. Seek immediate medical attention.
<b>Skin Contact:</b>	Remove contaminated clothing and wash affected area with soap and water. Seek medical advice if redness or irritation persists.
<b>Inhaled:</b>	If fumes or combustion products are inhaled: remove to fresh air. Seek medical advice.
<b>First Aid Facilities:</b>	No special requirements
<b>Advice to Doctor:</b>	Treat symptomatically.

### WORKSAFE AUSTRALIA CLASSIFICATION

CATEGORY :	Xc – CORROSIVE
RISK PHRASES :	R35 Causes severe burns R41 - Risk of serious damage to eyes
SAFETY PHRASES :	S26 - In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. S2 - Keep out reach of children S37/39 - Wear suitable gloves and eye/face protection. S24/25 Avoid contact with skin and eyes.

## **PRODUCT : BEER LINE CLEANER**

### **HEALTH EFFECTS**

**Short term exposure by all routes is considered to be harmful. Symptoms that may arise if the product is mishandled are:**

#### **ACUTE:**

- Swallowed:** Can result in pain, nausea, vomiting, swelling of the larynx and suffocation, perforation of the gut, cardiovascular collapse and coma.
- Eye:** Corrosive. Can cause conjunctivitis, corneal burns and ulceration leading to permanent injury and possible loss of sight.
- Skin Contact:** Corrosive to skin – may cause burns. Contact often does not cause pain. Avoid contamination of gloves and boots. May cause irritant dermatitis.
- Inhaled:** Respiratory irritant. Harmful corrosive effects may include lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.

#### **CHRONIC:**

**Short term exposure by all routes is considered harmful.**

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### **PRECAUTIONS FOR USE:**

- Exposure Standards:** No value assigned for the specific material by the National Health and Medical Research Council or by the National Occupational Health and Safety Commission (Worksafe Australia). TLV 2mg/m<sup>3</sup> for sodium hydroxide as assigned by Research Council or by the National Occupational Health and Safety Commission (Worksafe Australia).
- Engineering Controls:** Maintain concentration below TLV. Avoid generating and inhaling mists and aerosols.
- Personal Protection:** Avoid all contact. Use good Occupational work practice. The use of protective clothing and equipment depends on the degree and nature of exposure. Wear protective clothing, impervious gloves, eye shields and splash apron when handling product.
- Flammability:** Not a combustible material.

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### **SAFE HANDLING INFORMATION :**

- Storage and Transport:** Classed as a Class 8 corrosive liquid, by the Australian Code for the Transport of Dangerous Goods by Rail and Road. Store as per the regulatory requirements for a schedule 6 poison. Store in a cool, dry place, and out of direct sunlight. Keep containers closed at all times.
- Spills and Disposal:** Wear protective clothing to prevent eye and skin contamination. Prevent large spills from entering sewer systems, waterways, etc. Mop up with absorbent material. Collect and seal in properly labelled containers for disposal. Small spills may be rinsed away with water. Disposal – Refer to State Land Waste Management Authority. Normally suitable for disposal at approved land waste site.
- Fire/Explosion:** Not combustible. Fire fighters to wear self-contained breathing apparatus if the risk of exposure to vapour or products of combustion. Extinguishing media: water fog, foam, carbon-dioxide, dry chemical powder, BCF.
- Other information:** Nil

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### **CONTACT POINT: Industrial Chemist - phone: 07 3204 8300**

This material safety data sheet is compiled from the best information currently available to the company. The company accepts no responsibility for the accuracy of the information contained in this data sheet, or any results obtained by customers or end-users. Good industrial hygiene should always be used when handling chemicals.

END OF MSDS