

Material Safety Data Sheet

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Issue date: January 2010

Hazardous according to criteria of Worksafe Australia

BEER LINE/GLASS CLEANER

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

BRISBANE TOTAL CLEANING SUPPLIES

Unit 9, 29 Moreton Bay Road, Capalaba, Qld 41578

Phone: 07 3823 1822 Fax: 07 3823 1949 Emergency: 0428 835 955

Email: sales@btcs.com.au

ABN: 30 239 269 224

Product Name:	BEER LINE/GLASS CLEANER
Synonyms:	PIPE DETERGENT
Manufacturer's Product Code(s):	BEERL BEERG
Use:	USED FOR CLEANING BEER LINES, GLASSES, FITTINGS, DISPENSING EQUIPMENT, SPIRIT NIPS AND DISPENSERS ETC.
UN Number:	1760
Proper Shipping Name:	CORROSIVE LIQUID, N.O.S.
Dangerous Goods Class:	8
Subsidiary risk:	None allocated
Packing Group:	1
Hazchem Code:	4W
Poison Schedule:	S5

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
POTASSIUM HYDROXIDE	1 to 10%	1310-58-3
SODIUM SALT OF GLUCONIC ACID	1 to 10%	527-07-1

3. HAZARD IDENTIFICATION

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Hazard Category: Very Corrosive

ACUTE HEALTH EFFECTS

Swallowed: Will cause severe burns to the mouth, mucous membranes, throat, esophagus and stomach with effects including: Spontaneous vomiting with diarrhea and possible bloody stools. Small quantities, approximately 20-50 ml, ingested (swallowed) will cause death.

Eye: Will cause severe burns to the eyes with effects including: Pain, tearing, corneal opacity and blindness. If prompt action is not taken, permanent eye damage will occur.

Skin: Will cause severe burns to the skin, with effects including; Redness, blistering, localised pain, dermatitis and deep burns.

Inhaled: Will cause severe irritation to the nose, throat and respiratory system with effects including: Dizziness, headache, coughing, loss of co-ordination, chest pains, respiratory paralysis and or failure.

Chronic: Prolonged or repeated skin contact will lead to necrosis (death) of the skin.

4. FIRST AID MEASURES

Swallowed: If swallowed, DO NOT induce vomiting. Seek urgent medical assistance.

Eye: If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eyelids are held open. Immediately transport to hospital or doctor.

Skin: If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available.

Inhaled: Remove victim to fresh air. Apply resuscitation if victim is not breathing –

DO NOT USE DIRECT MOUTH - TO - MOUTH METHOD if victim ingested or inhaled substance; use alternative respiratory method or proper respiratory device.

First Aid Facilities: Eye wash fountain, safety shower and normal washroom facilities.

Advice to Doctor: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

CAUTION: Use of water spray when fighting fire may be inefficient.

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide, foam or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS: If tanks, drums or containers of this material are heated, they may rupture and project corrosive liquids over a wide area.

Flammability Not flammable or combustible. If involved in a fire may generate noxious and corrosive fumes.

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6. ACCIDENTAL RELEASE MEASURES

EMERGENCY ACTION: Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas. Isolate for 800 m in all directions if tank, rail car or tanker truck is involved in fire.

SPILL OR LEAK PROCEDURE: Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapour; but it may not prevent ignition in closed spaces.

SMALL SPILLS: Take up with sand, dirt or vermiculite. DO NOT use sawdust. Place into labeled drum(s) for later disposal.

LARGE SPILLS: Notify Emergency Services (Police or Fire Brigade). Tell them location, nature and any information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Trained personnel should wear Personal Protective equipment as highlighted in this MSDS. Blanket the spill with foam or use water fog to disperse vapour clouds. Consult an expert regarding disposal of this product.

7. HANDLING AND STORAGE

Store away from sources of heat or ignition, strong alkalis, acids, combustibles and oxidizing agents. Store in original packages as approved by manufacturer. Check all fittings, valves, reticulation (piping) and any ancillary equipment for leaks. For further information please refer to the Engineering Controls of this MSDS.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: No exposure standards are available for this product; however, the following exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) to the following components of the product:

POTASSIUM HYDROXIDE

(Worksafe Australia) [TWA] 2 mg/m³ [STEL] Peak limitation **References:** H (ACGIH) [STEL] 2 (Ceiling)

No exposure standards have been assigned by the National Occupational Health & Safety Commission for any other ingredients.

Engineering Controls

Corrosive liquid. Single significant exposure may cause severe injury. Maintain adequate ventilation at all times. Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Engineering methods to prevent or control exposure are preferred. If engineering controls and work practices are not effective in preventing or controlling exposure, then suitable personal protective equipment, which is known to perform satisfactorily, should be used.

Personal Protection Equipment

CLOTHING: PVC, Nitrile, Neoprene, Natural rubber or any other type of apron or splash suit as recommended by the manufacturer.

GLOVES: PVC, Nitrile, Neoprene, Natural rubber or any other type of glove as recommended by the manufacturer.

EYES: Chemical goggles or faceshield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of gases. Select and use respirators in accordance with AS/NZS 1715/1716. When the concentration of airborne contaminants reach the exposure standards then the use of a half-face respirator with acid vapour cartridge is recommended. For high concentration use an atmosphere-supplied, positive pressure demand self-contained or airline-breathing apparatus supplied air respirator complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels.

If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended. The use of fully encapsulating, gas-tight suits is also recommended

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear water white liquid with little or no odour
Boiling Point Melting Point:	100 °C
Vapour Pressure:	N/Av
Specific Gravity:	N/Av
Flash Point:	NON-FLAMMABLE
Flammability Limits:	NON-FLAMMABLE
Solubility in Water:	COMPLETE
Other Properties:	pH OF 1% SOLUTION 12.0 - 12.5

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS: Emits choking and corrosive fumes when heated to decomposition.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong alkalis and oxidizing agents.

CONDITIONS TO AVOID: Heat, flames, ignition sources and incompatibles.

11. TOXICOLOGICAL INFORMATION

There is no toxicological information available for this product.

12. ECOLOGICAL INFORMATION

This substance may cause long-term adverse effects in the aquatic environment.

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13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

UN Number:	1760
Proper Shipping Name:	CORROSIVE LIQUID, N.O.S.
Dangerous Goods Class:	8
Subsidiary risk:	None allocated
Packing Group:	I
Hazchem Code:	4W

Classified as a CLASS 8 (CORROSIVE) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, 6th Edition.

Dangerous goods of Class 8 (Corrosive) are incompatible in a placard load with any of the following:

- Class 1
- Class 4.3
- Class 5
- Class 6, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids
- Class 7

and are incompatible with food and food packaging in any quantity.

Emergency information (Transport):

Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76: 1997)

For TOXIC AND/OR CORROSIVE Guide No: 37

15. REGULATORY INFORMATION

Poison Schedule: S5

This material is a Scheduled S5 Poison and must be stored, handled and used according to the appropriate regulations.

RISK PHRASES

R35 Causes severe burns.

SAFETY PHRASES

S1/2 Keep locked up and out of 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 contact a doctor or Poisons Information Center.

S28 After contact with skin, wash immediately with plenty of water.

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

S38 In case of insufficient ventilation, wear suitable respiratory protection.

S45 In case of accident or if you feel unwell, contact a doctor or Poisons Information Center immediately and show this container or label.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 131126

In New Zealand Tel: 034747000

16. OTHER INFORMATION

Contact Point

Sales Department	07 3823 1822
Fax	07 3823 1949
Mobile	0428 835 955

Disclaimer

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