Safety Data Sheet

Product Name: **BEER LINE CLEANER**
Issue Date: **APRIL 10, 2018**

1. IDENTIFICATION

Product	Beer Line Cleaner
Other Names	N/A
Company Name	**C&C Trading (Australia) P/L**
Address	20 Leinster Grove East Brunswick Vic 3057
Telephone	0411 119886
Emergency Contact	Poison Centre 13 11 26
	https://www.disposableking.com.au
	https://www.directserv.com.au

2. HAZARD IDENTIFICATION

The substance is Hazardous according to criteria of Work safe Australia.

R34	Causes burns
R41	Risk of serious eye damage
S2	Keep out the reach of children
S26	In case of contact with eyes, rinse immediately with plenty of water and seek immediate medical advice
S28	After contact with the skin wash with plenty of water
S36/37	Wear suitable gloves and eye/face protection
S45	In case of accident or if you feel unwell seek medical advice immediately (show label whenever possible)
S50	Do not mix with acids
S61	Avoid release to the environment Refer to special Instructions /Safety Data Sheets

Classified as Dangerous Goods for the purpose of transport by Road or Rail. Refer to relevant Regulations for storage and transport requirements

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS	Content
SODIUM HYDROXIDE	1310-73-2	<10-30% (w/v)
POTASSIUM HYDROXIDE	1310-58-3	<10-30% (w/v)
NON-HAZARDOUS INGREDIENTS	1310-73-2	BALANCE

4. FIRST-AID MEASURES

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poison Information Centre or a doctor, or for at least 15 minutes.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

Swallowed If poisoning occurs, contact doctor or Poison Information Centre (131126). If swallowed Do NOT induce vomiting. Give a glass of water, Rinse mouth with water. Never give by mouth to an unconscious person

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing

Advice to Doctor Treat symptomatically as for strong alkaline material.

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard:
Fire or strong heat will produce irritating, poisonous or corrosive gases. Containers may explode when heated. Some may ignite combustibles (wood, paper, clothing, etc.) Contact with metals may produce flammable hydrogen gas.

Fire Extinguishing media:
Small fire: Use dry chemical, CO2 or water spray.
Large fire: Use water spray, fog or foam. Do NOT use water jets. If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after the fire is out. Avoid getting water inside the containers.

Fire Fighter's PPE:
Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection. Structural firefighter's uniform is NOT effective for this material.

Hazardous Reactions: Reacts vigorously with acids producing dangerous levels of gaseous chlorine. May yield toxic fumes if involved in a fire.

6. ACCIDENTAL RELEASE MEASURES

Clean up spills immediately. Eliminate all ignition sources (no smoking or flames) within at least 50 m Avoid contact with the skin and eyes Do not or walk through this product .Stop ask if safe to do so .Prevent entry into waterways, drains or confined areas Cover with Dry earth ,sand or ant others non-combustible absorbent, followed by a plastic sheet to minimize spreading or contact the rain Do not let water run into the containers

7. HANDLING AND STORAGE

Storage and Transport:

General Precautions: Avoid contact with skin, eyes, and clothing. Wash skin with water using soap if available

Handling: Avoid contact with the skin. Extinguish any naked flames. Do not smoke. Remove ignition sources. Avoid sparks

Storage: Must be stored in a well-ventilated area, away from sunlight, ignition sources and other sources of heat. Keep in a cool place. Keep container tightly closed. Keep away from flammables, oxidizing agents and corrosives.

Additional Information: Avoid storage with acids, oxidizing agents, reducing agents, metals, and metallic salts Incompatible with amines, ammonium salts, azindine, and methanol and phenyl acetonitrile Class 8 corrosives should not be loaded with other Dangerous Goods of Classes 12, 3, 4, 5.7 and 8 (acids only) or with food stuffs

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

O**ccupationa**l: exposure limits
Sodium Hydroxide: TLV C2mg/cu.n (peak imitation) 1 ppm (
Potassium Hydroxide: CAS NO 1310-58-3 TWA =ppm (2mg/cu.m) Peak Limitatio STEL+(Source Safe Work Australia HSIS-2011)
Exposure Controls: The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include: Wash hands before eating, drinking, smoking and using the toilet
Respiratory Protection: No respiratory protection is ordinarily required under normal conditions of use
Eye Protection: Eye protection is not required under normal conditions of use. If material is handled such that it could be splashed into eyes, protective eyewear is recommended.
Protective Clothing: Skin protection is not required under normal conditions of use. For prolonged or repeated exposures, use impervious clothing over parts of the body subject to exposure.
Environmental Exposure Controls: Adequate ventilation to control airborne concentrations

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Liquid	**Odour**	N/A
Solubility (water)	Soluble	**pH**	12.0 – 13.0
Specific Gravity	1.25-1.31	**Flammability**	Not applicable
Vapour Pressure	Not applicable	**Vapour Density**	Not applicable
Boiling Point	Approx. 100c	**Melting Point**	Not applicable
Volatile	Not applicable		

10. STABILITY AND REACTIVITY

Chemical Stability: The product is corrosive to aluminum, zinc and tin. Reacts with metal salts, peroxides and reducing agents do not mix with ammonia, hydrocarbons, acids, alcohols and ethers

Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources.

Material to Avoid: Compatible with most commonly used materials. Incompatible with acids (eg. Hydrochloric acid) and combustible flammable materials.

Hazardous Reactions: Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health Effects Acute

Swallowed Irritating to the gastro-intestinal tract if swallowed. May cause nausea, vomiting, headache, corrosion of mucous membranes, esophageal or gastric perforation and laryngeal edema

Eye Eye contact may result is burns that could produce permanent damage

Skin Principal Rote of exposure is usually by skin contact may cause swelling, redness, blistering or Dermatitis as a skin sensitizer and may burn the skin. It is not absorbed through the skin

Inhaled: Overexposure is inhalation can result in coughing and respiratory difficulty. The vapour if concentrated May irate the lungs (reaction occurs to liberate chlorine (such as accidental mixed with acids) self – contained or air supplied breathing apparatus will be required.

Health Effects *Chronic*: Repeated or prolonged skin contact may cause chronic dermatitis

Toxicity Not available for mixture
Potassium hydroxide – oral LD50 (rat)= 273-365 mg/kg
Sodium Hypochlorite by ingestion “Grade 1 oral rat LD 50=0.01G/KG
Potassium hydroxide has a low systemic toxicity

12. ECOLOGICAL INFORMATION

Eco toxicity for potassium hydroxide
Blue gill (fresh water, fatal) 56 ppm /24hr
Minnow (fresh water<fatal):28.6 ppm/24/hr
Trout ((fresh water: fatal) 50ppm /24hr
Persistence and degradability Mobility
Advice Prevent entry into natural waterways and drains

13. DISPOSAL CONSIDERATIONS

Disposal Methods Waste disposal methods in accordance with local, state and Federal regulations

14. TRANSPORT INFORMATION

UN No.: 1719 Class: 8 Package Group: II Hazchem: 2R

15. REGULATORY INFORMATION

Poisons Schedule Number: Schedule 6.

16. OTHER INFORMATION

This SDS is only safety-related information
The information contained within this safety data sheet is accurate to the best of our knowledge. The instructions, recommendations and/or suggestions are made without guarantee. Ecocare Chemicals & Cleaning Supplies PTY Ltd does not assume any liability whatsoever for the accuracy or completeness of the information presented. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. No liability can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be in accordance with appropriate regulations and / or legislation.

END OF SDS