

Safety Data Sheet



SK BEER LINE CLEANER (Part A)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	SK Beer Line Cleaner (Part A)
Product Code	1BLC
Product Use	One part of a two part beer line cleaner.
Company Name	Surekleen Products
Address	9 Agett Road Malaga WA 6090
Emergency Telephone	National Poison Information Centre: 13 11 26
Telephone	(08) 92487444
Fax	(08) 92487733
Web	www.surekleenproducts.com.au

2. HAZARDS IDENTIFICATION

Hazardous Nature:

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.

Poisons Schedule (SUSMP): S6 Poison.

Classification of the substance or mixture:

Acute Toxicity (Oral) - Category 4

Skin Corrosion/Irritation - Category 1A



Signal Word: Danger

Hazard Statement(s):

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage.

Precautionary Statement(s):

Prevention:

P234 Keep only in original container.

P260 Do not breathe dust / fume / gas / mist / vapours / spray.

P264 Wash hands thoroughly after handling.

P270 Do not eat drink or smoke when using this product.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

Response:

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363 Wash contaminated clothing before re-use.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310 Immediately call a POISON CENTER or doctor/physician.

P321 Specific treatment (see First Aid Measures on Safety Data Sheet).

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P390 Absorb spillage to prevent material damage.

Storage:

P405 Store locked up.

P406 Store in corrosive resistant container with a resistant inner liner.

Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

	Ingredient	CAS No.	Proportion
	Potassium hydroxide	1310-58-3	10-30%
	Alkaline salts	7320-34-5	1-10%
	Other non-hazardous ingredients	-	1-10%
	Water	7732-18-5	>60%

4. FIRST AID MEASURES

Inhalation	Remove from exposure. Remove contaminated clothing and loosen remaining clothing. Keep at rest and contact doctor if ill effects persist.
Ingestion	Rinse mouth with water. Do not induce vomiting. Give a glass of water to drink and seek immediate medical attention. If vomiting occurs spontaneously, place patient with head lower than hips to prevent vomit entering lungs.
Skin	Remove contaminated clothing immediately and flush affected area with running water. Wash contaminated clothing before re-use.

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Eye	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor, or for at least 15 minutes. Seek urgent medical attention.
First Aid Facilities	Eye wash station.
Advice to Doctor	Treat symptomatically and as for strongly alkaline corrosive material. For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126).
5. FIRE FIGHTING MEASURES	
Extinguishing Media	Not flammable. Not combustible. Use extinguishing media appropriate to the source of the fire.
Hazards from Combustion Products	In the event of a major fire, this product may emit toxic fumes including carbon monoxide and carbon dioxide.
Precautions for Fire Fighters	Cool containers with water to prevent containers from rupturing.
6. ACCIDENTAL RELEASE MEASURES	
Emergency Procedures	Avoid contact with spilled material. Small spills can be wiped up or absorbed with absorbent material such as clay (kitty litter) or vermiculite. In the event of a major spill, personnel involved in the clean up should wear appropriate protective clothing as specified in Section 8. Spilled material is slippery. Clean up spills immediately to prevent further accidents. Evacuate all unnecessary personnel. Increase ventilation. Stop leak if safe to do so. Do not let product reach drains or waterways. If product does enter a waterway advise the environmental protection authority or your local waste management authority.
Spills & Disposals	Small spills may be safely diluted with water and mopped up. Contain large spills using sand or earth. Transfer spilled material to suitable containers for re-use or disposal. Transfer contaminated sand or earth to suitable containers for disposal. Clearly label all containers. After cleaning up, wash affected area with water.
7. HANDLING AND STORAGE	
Storage	Store in a locked place out of reach of children. Store in original container in a cool, well ventilated area out of direct sunlight. Store away from acids and ammonium salts. Keep containers closed when not in use. Check for leaks.
Handling	Avoid all skin and eye contact and inhalation of mists or vapour. Wash hands and other exposed areas with soap and water immediately after handling and before eating, drinking, smoking or using the toilet. Wash contaminated clothing and protective equipment before storage or re-use.

8. EXPOSURE CONTROL/PERSONAL PROTECTION	
Exposure Standards	TWA & Peak Limitation 2mg/m ³ for potassium hydroxide.
Biological Limits	None allocated.
Engineering controls	Use with good general ventilation. If mists or aerosols are generated, a system of local and/or general exhaust is recommended to keep employee exposure as low as possible. Local exhaust ventilation is preferable because it can control emissions at source preventing dispersion into the general work area.
Personal Protective Equipment	Eye Protection: Face shield or chemical goggles (AS 1336/1337). Glove Type: Impervious PVC, rubber or nitrile gloves (AS 2161). Clothing: PVC or rubber apron, overalls and enclosed shoes. Respirator: Not required under normal conditions of use. If mist or aerosol is generated, wear an approved respirator (AS1715/1716).
9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Clear red
Odour	None
pH (neat)	>13.0

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Vapour Pressure	Not determined
Vapour Density	Not determined
Boiling Point/Range	Approximately 100°C
Freezing/Melting point	<0°C
Solubility in Water	Miscible
Specific Gravity	1.3 to 1.4
Flash Point	Not applicable
Flammable Limits	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and handling.
Reactivity	Corrosive to aluminium, zinc and tin, liberating flammable hydrogen gas. May react violently with acids. Reacts with ammonium salts liberating toxic ammonia gas.
Materials to Avoid	Aluminium, tin, zinc, ammonium salts and acids. Absorbs carbon dioxide on exposure to air.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Product is alkaline and corrosive. Severe hazard to skin and eyes.
Inhalation	Inhalation of mist or aerosol will cause pulmonary irritation with possible harmful corrosive effects including pulmonary oedema, pneumonitis, emphysema and lesions of nasal septum.
Ingestion	Causes severe burns to tissue. May cause nausea, vomiting, abdominal pain, diarrhoea and oedema (swelling of the larynx).
Skin	Corrosive to skin. Irritant dermatitis may result from working with this material. If left unattended, skin contact may produce burns, ulceration and gelatinous necrotic areas at the site of contact. Skin contact can result in little or no pain thus contamination of gloves or boots can be very damaging.
Eye	Severe eye irritant. Highly corrosive to eyes. May cause conjunctivitis, corneal burns and ulceration. Permanent eye damage, including loss of sight, may occur if not treated immediately.
Toxicity Data	Oral LD50 (rabbit) > 900 mg/kg (based on potassium hydroxide)

12. ECOLOGICAL INFORMATION

Ecotoxicity	This product is considered harmful to aquatic organisms (due to its alkalinity). Do not contaminate waterways with the product or used containers.
Persistence and Degradability	No data available for this product.
Bioaccumulation	No data available for this product.
Mobility	No data available for this product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose of product and containers as hazardous waste. Refer to waste management authority.
Legislation	Dispose of in accordance with applicable local and national regulations. Contact a specialist waste company or local regulator for advice.

14. TRANSPORT INFORMATION

Classified as a Dangerous Good according to the criteria of the ADG Code

U.N. Number	1814
Proper Shipping Name	POTASSIUM HYDROXIDE SOLUTION
Class and Subsidiary Risk(s)	Not applicable
Packing Group	II
Special Precautions	None allocated
Hazchem Code	2R

15. REGULATORY INFORMATION

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Poisons Schedule	S6
AICS	All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).
16. OTHER INFORMATION	
Contact Point	John Browner
Title	Technical Manager
Telephone	08 92487444
After Hours	1800 057 377
<p>The information contained in this Safety Data Sheet is believed to be accurate and reliable; however, Sure Kleen Products shall not be liable for any inaccuracy in the information or for any loss, injury or damage whatsoever arising from the use of this product as conditions and methods of use are beyond our control. Users should read this Safety Data Sheet and evaluate the information in the context of how the user intends to handle and use the product in the workplace including the use of this product with other products.</p>	

End of Report