

SAFETY DATA SHEET



03340 – BEER AND PUMP LINE CLEANER

Trust Hygiene Services Limited

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT CODE: 03340
PRODUCT NAME: BEER AND PUMP LINE CLEANER 5 Ltrs
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2. COMPOSITION/INFORMATION ON INGREDIENTS

An aqueous highly alkaline blend containing sodium hydroxide and sequesterants.

NAME	CAS Nr.:	% W.W. (RANGE)	NATURE OF HAZARD
SODIUM HYDROXIDE	1310-73-2	15 – 30	CORROSIVE. (R35). Causes severe burns. Occupational Exposure Standard (O.E.S.) set.

Refer to Section 8 for Exposure Levels.

3. HAZARDS IDENTIFICATION

Product is classed as CORROSIVE under Chemicals (Hazard Information and Packaging) Regulations 1994.

Risk Phrases: R35 - Causes severe burns. Use commonsense precautions when handling this product.

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Rinse mouth out with water then give milk or water to drink. Do not delay – seek immediate medical attention. DO NOT attempt to give an unconscious person anything to drink.
SKIN: IMMEDIATELY remove all contaminated clothing and wash thoroughly before wearing. Wash affected areas with plenty of water and soap and seek medical attention.
EYES: IMMEDIATELY rinse with plenty of clean water or saline solution and continue for at least 10 minutes – holding eyelids apart. Do not delay - seek immediate medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Product is not flammable, however irritating fumes may be given off in the event of a fire. Treat fires with either dry chemical, foam or waterspray - do not use waterjet.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS: Avoid contact with skin and eyes. Spillages need to be contained to prevent entering watercourse, however small spillages can be neutralised with dilute acids e.g. hydrochloric acid or vinegar and then rinsed away - use plenty of water. Absorb spillage in inert material e.g. dry sand/earth and transfer into secure plastic container(s) for disposal.

7. HANDLING AND STORAGE

1. Store away from children.
2. Use only according to directions.
3. Do not mix with other chemicals.
4. Always ensure cap is replaced and tightened after use.
5. Do not store in temperatures greater than 35°C or less than 0°C.
6. Do not allow product contact with eyes or skin.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

1. Prevent contact with eyes at all times by wearing safety glasses if necessary and wear protective rubber gloves when handling this product. If large quantities of product are being handled, protective boots and apron may also be required.
2. Always maintain a good standard of occupational hygiene when handling chemicals.
Exposure levels according to EH40 list issued by HSE:
Occupational Exposure Standard: O.E.S.: Sodium hydroxide L.T.E.L. 8 hours - not set.
S.T.E.L. 15 minutes - 2mg/cubic metre

PROTECTIVE EQUIPMENT:



9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear colourless liquid
ODOUR: Odourless
pH: 13.5
DENSITY (@20°C): 1.220 kg/litre
FLASH POINT: Not applicable
SOLUBILITY: Soluble in water

10. STABILITY AND REACTIVITY

STABILITY: Product is stable under normal conditions. Alkaline products react with light metals (such as aluminium, tin or zinc and their alloys) with the evolution of hydrogen which is highly flammable.

11. TOXICOLOGY INFORMATION

No significant health hazard when properly used for the application it was designed for.

Effects due to overexposure when:

INGESTION: Pain, nausea, vomiting. Can cause damage to mouth/throat, oesophagus and stomach if swallowed.
SKIN CONTACT: Irritation and redness - gives "soapy" feeling to skin. More severe exposure can lead to caustic burns.
EYE CONTACT: Severe pain, redness and can cause burns. May cause permanent damage.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Product is inorganic therefore cannot be classed as biodegradable. Bio accumulation will not occur. Due to the high pH, the presence of significant quantities of the product will be highly toxic to all aquatic life and soil resident organisms.

13. DISPOSAL CONSIDERATIONS

DISPOSABLE METHODS: Dispose of according to local regulations.

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: CAUSTIC ALKALI LIQUID, NOS (contains Sodium Hydroxide).
U.N. NO.: 1719 **I.M.D.G. PAGE NO:** 8136
HAZARD CLASS.: 8 **PACKING GROUP:** II

15. REGULATORY INFORMATION

Product is classed as CORROSIVE under CHIP Regulations.

Contains Sodium Hydroxide.

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 seek medical attention.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell seek medical advice immediately (show this container label where possible).

16. OTHER INFORMATION

USER NOTES: The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe work environment.

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