

Technical Data Sheet

All surfactants used in this product comply with the current European/GB Regulations concerning Biodegradability and protection of the environment.



Product Information

RAINBOW

Coloured Beer line Cleaner

- Concentrated blend of sodium hydroxide & surfactant.
- Quickly breaks down yeast & protein deposits.
- Contains a green indicator dye.
- For use with cold water.
- Will not damage pipeline or components.

Product Description:

RAINBOW is a very effective beer line cleaner, formulated to remove yeast, protein & residue from the dispensing system. **RAINBOW** contains a Green indicator dye to provide a visual check that it has cleared the line & has been thoroughly rinsed. Suitable for use through the traditional hand pump or pressurised keg beer lines.

Directions and Dilutions:

Dilute 1:80 parts cold water (60ml per 5lt). Disconnect line from the beer supply. Drain beer from the system. Draw solution of **RAINBOW** into beer line until it is detected at the tap and leave for 10 - 15 minutes. Draw a fresh solution of **RAINBOW** into the system and leave for a further 10 - 15 minutes. Flush out the **RAINBOW** and rinse the line thoroughly with clean water until the emerging water is perfectly clear, without a trace of Green. Alternatively use a litmus test for neutral ph. Before reconnecting the beer supply, sample beer before selling.

Useful Information:

Product Characteristics: Purple Odourless liquid.

Storage: Store in original sealed container and protect from extremes of temperature

Availability: Available in 2x 5litre boxes

Composition: Contains a blend of sodium hydroxide, Amphoteric surfactant & Dye.

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Safety Data

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Name: Rainbow

Product Code: BLPP

Company Name: SKY CHEMICALS (UK) LTD, UNIT 12, SHEFFIELD DESIGN STUDIOS, 40 BALL STREET, SHEFFIELD, S3 8DB

Tel: 0114 2780222

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2. HAZARDS IDENTIFICATION

Classification under CLP: Aquatic Acute 1: H400

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

Most important adverse effects: Causes severe burns and eye damage

Signal words: Danger

Hazard pictograms: GHS05: Corrosion, GHS09: Environmental



Precautionary statements:

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

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

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

P303+P361+P353: IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.

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

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

SODIUM HYDROXIDE

EINECS	CAS	CLP Classification	Percent
215-185-5	1310-73-2	Skin Corr. 1A: H314	1-10%

SODIUM HYPOCHLORITE SOLUTION CL ACTIVE

EINECS	CAS	CLP Classification	Percent
231-668-3	7681-52-9	Skin Corr. 1B: H314; Aquatic Acute 1: H400; - EUH031	1-10%

4. FIRST AID MEASURES

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

Ingestion: Wash out mouth with water. Do not induce vomiting. Drink a glass of water and get medical attention immediately!

Skin Contact: Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye Contact: Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use fire-extinguishing media appropriate for surrounding materials.

Specific Hazards: If involved in fire, may emit noxious fumes.

Protective Measures in Fire: Protective clothing and respiratory protection should be worn when tackling fires involving this product.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing, gloves and eye/face protection.

Environmental Precautions: Large spillages or uncontrolled discharges into rivers or streams must be reported to The Environment Agency or other regulatory body.

Spill Clean Up Methods: Small quantities may be flushed to drains with plenty of water. Large Spillages Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Specific end use(s): Store in cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

SODIUM HYDROXIDE

State	8 hour TWA	15min. STEL	8 hour TWA	15 min STEL
UK	-	2 mg/m3	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Purple

Odour: Characteristic odour

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Boiling point/range: >35

10. STABILITY AND REACTIVITY

Reactivity: Stable under recommended transport or storage conditions.

Chemical stability: Stable under normal conditions.

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid: Heat and direct sunlight

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

SODIUM HYDROXIDE

IPR	MUS	LD50	40	mg/kg
ORL	RBT	LDLO	500	mg/kg

SODIUM HYPOCHLORITE SOLUTION...100% CL ACTIVE

ORL	MUS	LD50	5800	mg/kg
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12. ECOLOGICAL INFORMATION

Ecotoxicity values: No data available.

Persistence and degradability: Biodegradable.

Bio accumulative potential: No bioaccumulation potential.

Mobility in soil: Readily absorbed into soil.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

UN number: UN1760

Transport class: 8

Shipping name: CORROSIVE LIQUID, N.O.S.

Environmentally hazardous: Yes. **Packing group:** I

Special precautions: No

Tunnel code: E

Transport category: 1

15. REGULATORY INFORMATION

Specific regulations: Not applicable

16. OTHER INFORMATION

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision