

SAFETY DATA SHEET

BEERLINE CLEANER (PURPLE)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name BEERLINE CLEANER (PURPLE)

Company Merlin Chemicals Ltd
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Tetrapotassium pyrophosphate	1-10%	7320-34-5	230-785-7	Xi;R36
Potassium hydroxide	1-10%	1310-58-3	215-181-3	Xn; R22 C; R35
Sodium hypochlorite, solution...% Cl active	1-10%	7681-52-9	231-668-3	C; R34 R31 N; R50

3. HAZARDS IDENTIFICATION

Main hazards Causes burns.

4. FIRST AID MEASURES

Skin contact Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.

Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation Move the exposed person to fresh air. Seek medical attention.

Ingestion If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING.

5. FIRE FIGHTING MEASURES

Extinguishing media Use extinguishing media appropriate to the surrounding fire conditions.
Do NOT use ... Sawdust or acidic media.

Fire hazards Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Wear: Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation of the working area. Wear suitable protective equipment.

Environmental precautions Prevent further spillage if safe. Do not allow product to enter drains. Advise local authorities if large spills cannot be contained.

Clean up methods Contain with sand or granules. Sweep up. Transfer to suitable, labelled containers for disposal.

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7. HANDLING AND STORAGE

Handling	Ensure adequate ventilation of the working area.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Potassium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2

Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Hand protection	Rubber gloves.
Eye protection	Safety goggles and/or face shield.
Protective equipment	Industrial cotton overall.
Environmental exposure controls	Users should be aware of environmental considerations and their duties under the Environmental Protection Act.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Off white.
Odour	Characteristic.
pH	>13
Relative density	1.120 - 1.140
Water solubility	slightly soluble in water.

10. STABILITY AND REACTIVITY

Stability	Unstable, decomposes to form Sodium Chloride and Sodium Chlorate liberating oxygen.
Conditions to avoid	Heat. Direct sunlight.
Materials to avoid	Acids, Ammonium Salts, Methanol, Hydrocarbons, Copper, Nickel, Iron, Monel metal.
Hazardous decomposition products	Oxygen, Chlorine.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Ingestion causes burns to the respiratory tract.
Corrosivity	May cause irritation to eyes. Symptoms may be delayed for 48 hours or more.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic organisms. Very toxic to fish.
Mobility	Soluble in water, will readily percolate through soil.
Degradability	Material will degrade slowly to Sodium Chloride, Sodium Chlorate and oxygen.


13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
Disposal of packaging	Containers must be recycled in compliance with national legislation and environmental regulations.

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ADR/RID	Not classified as hazardous for transport.	
	Hazard ID 80	Proper Shipping Name POTASSIUM HYDROXIDE, SOLUTION .
	UN 1814	Packing group II
	Class 8	
IMDG	UN 1814	Packing group II
	Class 8	Marine pollutant NO
	EmS Code F-A S-B	
IATA	UN 1814	Packing group II
	Class 8	Subsidiary risk -
	Packing Instruction 813 (Cargo)	Maximum quantity 30 L
	Packing Instruction 809 (Passenger)	Maximum quantity 1 L

15. REGULATORY INFORMATION

Symbols	C - Corrosive 
Risk phrases	R34 - Causes burns.
Safety phrases	S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of []. 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 the label where possible).

16. OTHER INFORMATION

Text of risk phrases in Section 2	R22 - Harmful if swallowed. R31 - Contact with acids liberates toxic gas. R34 - Causes burns. R35 - Causes severe burns. R36 - Irritating to eyes. R50 - Very toxic to aquatic organisms.
Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
Revision	This document differs from the previous version in the following areas: 2 - hazardous ingredients.