

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Identification of the substance or preparation:

PRODUCT NAME: **BP**
CHEMICAL IDENTITY: Aqueous solution of polyquaternary ammonium compound
RECOMMENDED USE: Biocide

1.2
Hydraguard Limited
Rose Croft
Newton on Rawcliffe
Pickering
North Yorkshire YO18 8QE
Tel No. 01751 475964

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2. HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No	CAS No	Content	Classification
N,N-Dimethyl-2-hydroxypropylammonium chloride polymer		25988-97-0	10-30%	N;R50

The full text for all R-Phrases are Displayed in Section 16

4. FIRST AID MEASURES

Inhalation: Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.
Ingestion: Remove victim immediately from source of exposure. Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort discontinues.
Skin Contact: Remove affected person from source of contamination. Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if any discomfort continues.
Eye Contact: Remove victim immediately from source of exposure. Immediately rinse with water for several minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

Extinguishing Media: This product is not flammable. Use fire-fighting extinguishing media appropriate for surrounding materials.
Special Fire & Explosion Hazards Keep run-off water out of sewers and water sources. Dike for water control.
Unusual Fire & Explosion Hazards: No unusual fire or explosion hazards noted.
Protective Measures in Fire: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE METHODS

Personal Precautions: Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental Precautions: Avoid discharge to the aquatic environment
Spill Clean up Methods: Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

7. HANDLING AND STORAGE:

Usage Precautions: Avoid contact eye contact, spilling, skin. Avoid eating, drinking and smoking when using the product
Storage Precautions: Keep upright. Store in tightly closed original container in a dry and cool place.
Storage Class Chemical storage

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8. EXPOSURE CONTROLS	
Protective Equipment	Approved safety goggles or face shield.
Hand Protection:	For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.
Eye Protection:	Wear approved tight fitting safety glasses, goggles or face shield.
Other Protection:	Wear suitable protective clothing as protection against splashing or contamination
Hygiene Measures:	Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES			
Appearance:	Liquid	Colour:	Colourless to pale amber
Odour:	Mild	Relative Density at 25°C:	1.0 – 1.1
pH Value	7.0 – 7.5	Solubility:	Miscible with water

10. STABILITY AND REACTIVITY	
Stability	Stable under normal temperature conditions and recommended use
Conditions to Avoid	Avoid excessive heat for prolonged periods of time.

11. TOXICOLOGICAL INFORMATION	
Inhalation	May cause irritation to the respiratory system
Ingestion	May cause discomfort if swallowed
Skin Contact	Liquid may irritate skin
Eye Contact	Spray and vapour in the eyes may cause irritation and smarting

12. ECOLOGICAL INFORMATION	
Ecotoxicity	This product contains a substance which is very toxic to aquatic organisms

13. DISPOSAL CONSIDERATIONS	
Disposal Methods	Dispose of waste and residues in accordance with local authority requirements
Container	Triple rinse empty container thoroughly with water before disposal.

14. TRANSPORT INFORMATION	
	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID)

15. REGULATORY INFORMATION	
Risk Phrases	NC Not classified
Safety Phrases	P13 Safety data sheet available for professional user on request
UK Regulatory References	Chemicals (Hazard Information & Packaging) Regulations
Approved Code of Practice	Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

16. OTHER INFORMATION	
Revision Date:	3-2008

DISCLAIMER

This data sheet does not constitute a User's Assessment of Workplace Risk as required by HSW Act, COSHH, Management of Health and Safety at Work Regulations, or other Health and Safety Legislation. 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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.