

# HYDRAGUARD LIMITED

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Identification of the substance or preparation:

PRODUCT NAME: **BW360**  
CHEMICAL IDENTITY: Aqueous solution containing phosphates and polymer.  
RECOMMENDED USE: Boiler water

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Hydraguard Limited  
Rose Croft  
Newton on Rawcliffe  
Pickering  
North Yorkshire YO18 8QE  
Tel No. 01751 475964  
email: [ryedale@aol.com](mailto:ryedale@aol.com)

### 2. HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Aqueous solution containing phosphates

### 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.

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..

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 spilling, skin and eye contact. 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

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 where splashing is probable.
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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
Colour	Colourless
Odour	Odourless
Solubility	Soluble in water
Relative Density	1.1 – 1.3
pH Value, Conc solution	7.0 – 7.2
Melting Point (°C)	- 2°C

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## 10. STABILITY AND REACTIVITY

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

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## 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

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## 12. ECOLOGICAL INFORMATION

Ecotoxicity	This product is not expected to be hazardous to the environment
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## 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.

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## 14. TRANSPORT INFORMATION

### LAND TRANSPORT

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

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## 15. REGULATORY INFORMATION

Risk Phrases	NC Not classified
Safety Phrases	NC Not classified
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.

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## 16. OTHER INFORMATION

Revision Date:	3 –2008
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### 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.