

HYDRAGUARD LIMITED

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Identification of the substance or preparation:

PRODUCT NAME: **TH40**
CHEMICAL IDENTITY: Aqueous solution of inorganic salt
RECOMMENDED USE: Neutralising agent for chlorine

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Hydraguard Limited
Rose Croft
Newton on Rawcliffe
Pickering
North Yorkshire
YO18 8QE

Tel No: **01751 475964**

2. HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Aqueous solution of inorganic salt

4. FIRST AID MEASURES

Inhalation: Remove victim immediately from source of exposure. Get medical attention if any discomfort discontinues.

Ingestion: Remove victim immediately from source of exposure. Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

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. 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 area with plenty of water to clean spillage area.

7. HANDLING AND STORAGE:

Usage Precautions: Avoid spilling, skin and eye contact. Avoid inhalation of vapours and spray mists. Provide good ventilation. 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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Product: TH40
Page 1 of 2
Date of Issue: 03/08
Issue No. 4

HYDRAGUARD LIMITED

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| 8. EXPOSURE CONTROLS | |
| Protective Equipment: | Wear approved Safety goggles or face shield and protective gloves |
| Process Conditions: | Use engineering controls to reduce air contamination to permissible exposure level. |
| Respiratory Equipment | If ventilation is insufficient, suitable respiratory protection must be provided |
| Hand Protection: | Wear 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 safety goggles or face shield. |
| Other Protection: | Wear appropriate clothing to prevent any possibility of skin contact. |
| Hygiene Measures: | DO NOT SMOKE IN WORK AREA! 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 | Liquid |
| Colour | Colourless |
| Odour | Odourless |
| Solubility | Soluble in water |
| Relative Density | 10 – 1.2 |
| pH Value, Conc solution | 7.0 – 7.5 |
| Melting Point (°C) | 48°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 | Inhalation of spray mists may cause irritation. |
| 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 | |
| This 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 |
| Safety Phrases | NC |
| 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 |
| 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. | |
