

DYMASCALE

H038

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Code H038

Product Name DYMASCALE

Manufacturer : Selden Research Limited
Staden Lane Business Park, Staden Lane,
Buxton, Derbyshire. SK17 9RZ
United Kingdom

Tel : 01298 26226
Fax : 01298 26540
Email : sales@selden.co.uk

2 HAZARDS IDENTIFICATION

R34 Causes burns.

Classification C;R34.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EINICS No. | CAS No. | Content | Classification |
|--------------------|------------|-----------|----------|----------------|
| ALCOHOL ETHOXYLATE | | | 1 - 5% | Xi;R38,R41. |
| HYDROCHLORIC ACID | 231-595-7 | 7647-01-0 | 10 - 30% | C;R34 Xi;R37 |

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

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| INHALATION | Move the exposed person to fresh air at once., Rinse nose and mouth with water., Get medical attention if any discomfort continues. |
| INGESTION | Remove victim immediately from source of exposure., DO NOT INDUCE VOMITING!, Rinse mouth thoroughly., Drink plenty of water., Get medical attention. |
| SKIN CONTACT | Remove affected person from source of contamination., Remove contaminated clothing., Rinse the skin immediately with lots of water., Continue to rinse for at least 15 minutes., Get medical attention if irritation persists after washing. |
| EYE CONTACT | Important! Immediately rinse with water for at least 15 minutes., Hold eyelids apart., Get medical attention immediately. Continue to rinse. |

5 FIRE-FIGHTING MEASURES

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| EXTINGUISHING MEDIA | This product is not flammable., Use fire-extinguishing media appropriate for surrounding materials., Use: Dry chemicals, sand, dolomite etc., Foam., Water spray. |
| SPECIAL FIRE FIGHTING PROCEDURES | Use water to keep fire exposed containers cool and disperse vapours. |

6 ACCIDENTAL RELEASE MEASURES

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| PERSONAL PRECAUTIONS | Wear necessary protective equipment., Stop leak if possible without risk. DO NOT touch spilled material!, Absorb in vermiculite, dry sand or earth and place into containers., Flush with plenty of water to clean spillage area. |
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7 HANDLING AND STORAGE

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| USAGE PRECAUTIONS | Avoid spilling, skin and eye contact. |
| USAGE DESCRIPTION | Store separated from: Alkalies., Bleach/Sodium hypochlorite solutions. |
| STORAGE PRECAUTIONS | Controlled substance storage. |

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



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|----------------------|---|
| ENGINEERING MEASURES | Provide adequate general and local exhaust ventilation. |
| HAND PROTECTION | Use protective gloves. |
| EYE PROTECTION | Wear approved safety goggles. |
| OTHER PROTECTION | General workwear only |

9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------|-----------------------|
| APPEARANCE | Clear, Liquid |
| COLOUR | Red |
| ODOUR | Hydrochloric acid. |
| BOILING POINT (°C) | > 100 |
| RELATIVE DENSITY | 1.090 - 1.100 @ 20 °C |
| pH-VALUE, CONC. SOLUTION | <1.0 |
| SOLUBILITY | Soluble in water |

10 STABILITY AND REACTIVITY

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| STABILITY | Stable under normal temperature conditions. |
| CONDITIONS TO AVOID | Reacts with bleach/sodium hypochlorite solutions producing toxic chlorine gas. |
| HAZARDOUS DECOMPOSITION PRODUCTS | Fire or high temperatures create:, Toxic gases/vapours/fumes of:, Carbon dioxide (CO ₂), Carbon monoxide (CO). |

11 TOXICOLOGICAL INFORMATION

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| INHALATION | May cause irritation to the respiratory system. |
| INGESTION | May cause chemical burns in mouth, oesophagus and stomach. |
| SKIN CONTACT | Strongly irritating. Prolonged contact may cause burns. |
| EYE CONTACT | Risk of serious damage to eyes. |

12 ECOLOGICAL INFORMATION

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| ECOTOXICITY | Not classed as Hazardous to the Environment but release to the environment should be avoided. |
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13 DISPOSAL CONSIDERATIONS

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| DISPOSAL METHODS | Dispose of waste and residues in accordance with local authority requirements. |
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14 TRANSPORT INFORMATION

TRANSPORT LABELS



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|----------------------|--------------------------------|
| UN NO. ROAD | 1789 |
| UK ROAD CLASS | 8 |
| UK ROAD PACK GR. | II |
| ADR CLASS NO. | 8 |
| ADR CLASS | Class 8: Corrosive substances. |
| PROPER SHIPPING NAME | HYDROCHLORIC ACID SOLUTION |
| UN NO. SEA | 1789 |
| IMDG CLASS | 8 |
| UN NO. AIR | 1789 |

15 REGULATORY INFORMATION

LABELLING



Corrosive (C)

| | |
|---------------------------|--|
| CONTAINS | HYDROCHLORIC ACID |
| RISK PHRASES | R34 Causes burns. |
| SAFETY PHRASES | S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice., 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 label where possible)., S2 Keep out of the reach of children, S23 Do not breathe vapour/spray. |
| DETERGENT LABELLING | < 5% Non-ionic surfactants |
| STATUTORY INSTRUMENTS | Chemicals (Hazard Information and Packaging) Regulations., Control of Substances Hazardous to Health. |
| APPROVED CODE OF PRACTICE | Classification and Labelling of Substances and Preparations Dangerous for Supply. |
| GUIDANCE NOTES | Workplace Exposure Limits EH40., CHIP for everyone HSG(108). |

16 OTHER INFORMATION

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|------------------------------|--|
| GENERAL INFORMATION | The following risk phrases relate to the raw materials in the product and not the product itself:- |
| REVISION DATE | 02/06/2010 |
| REV. NO./REPL. SDS GENERATED | 5 |
| RISK PHRASES IN FULL | R34 Causes burns., R37 Irritating to respiratory system. R38 Irritating to skin., R41 Risk of serious damage to eyes. |