

GEMSCALE

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

Product Name: GEMSCALE	Supplier: Gems Hygiene Supplies The Business Centre 79 Leigh Street Sheffield S9 2PR	Tel: 0114 261 8187 Fax: 0114 261 1489 E: info@ghdirect.co.uk
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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

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 the affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. 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

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

PERSONAL PRECAUTIONS	Wear necessary protective equipment. Stop leak if possible, 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

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT	Gloves, goggles
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	colourless
ODOUR	Almond, Hydrochloric acid.
BOILING POINT	>100
RELATIVE DENSITY	1.085 – 1.095 @ 20°C
pH- VALUE, CONC. SOLUTION	<1.0
SOLUBILITY	Soluble in water

10. STABILITY AND REACTIVITY

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 temperature create toxic gases/vapours/fumes of Carbon dioxide (CO ₂), Carbon monoxide (CO)

11. TOXOLOGICAL INFORMATION

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

ECOTOXICITY	Not regarded as dangerous for the environment.
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13. DISPOSAL CONSIDERATIONS

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



TRANSPORT LABELS	
UN NO. ROAD	1760
UK ROAD CLASS	8
UK ROAD PACK GR.	III
ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.
PROPER SHIPPING NAME	CORROSIVE LIQUID, NOS (Hydrochloric Acid)
UN NO. SEA	1760
IMDG CLASS	8
UN NO. AIR	1760

15. REGULATORY INFORMATION



LABELLING	Corrosive (C)
RISK PHRASES	R34 Causes burns.
SAFETY PHRASES	S23 Do not breathe vapour/spray. 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 reach of children.
DETERGENT LABELLING	<5% Non-ionic surfactants
STATUTORY INSTRUMENTS	Chemicals (Hazard Information and Packaging) Regulations.
APPROVED CODE OF PRACTICE	Classification and labelling of substances and preparations dangerous for supply.

16. OTHER INFORMATION

GENERAL INFORMATION	The following risk phrases relate to the raw materials in the product and not the product itself
REVISION DATE	03/09/2007
REV. NO. / REPL. SDS GENERATED	11
RISK PHRASES USED IN FULL	R34 Causes burns R37 Irritating to the respiratory system. R38 Irritating to skin. R41 Risk of serious damage to eyes.