

SELSCALE

H006

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

Product Code H006

Manufacturer : Selden Research Limited
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Product Name SELSCALE

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2 HAZARDS IDENTIFICATION

R34 Causes burns.

Classification C;R34.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EINCS No.	CAS No.	Content	Classification
ALCOHOL ETHOXYLATE			1 - 5%	Xn;R22. Xi;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 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

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 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

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



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

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

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 classed as Hazardous to the Environment but release to the environment should be avoided.
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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	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

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. R41 Risk of serious damage to eyes., R22 Harmful if swallowed.