

SELPHOS

H001

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

Product Code H001

Product Name SELPHOS

Manufacturer : Selden Research Limited
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2 HAZARDS IDENTIFICATION

R34 Causes burns., R37 Irritating to respiratory system.

Classification C;R34. Xi;R37.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	INICS No.	CAS No.	Content	Classification
ALCOHOL ETHOXYLATE SURFACTANT			1 - 5%	Xn;R22. Xi;R41.
HYDROCHLORIC ACID	231-595-7	7647-01-0	10 - 30%	C;R34 Xi;R37
PHOSPHORIC ACID	231-633-2	7664-38-2	1 - 5%	C;R34

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	Hold eyelids apart., Important! Immediately rinse with water for at least 15 minutes., 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., Absorb in vermiculite, dry sand or earth and place into containers., Flush with plenty of water to clean spillage area.
ENVIRONMENTAL PRECAUTIONS	Any spillage needs to be contained and not allowed to enter water courses

7 HANDLING AND STORAGE

USAGE PRECAUTIONS	Avoid spilling, skin and eye contact.
USAGE DESCRIPTION	Store in tightly closed original container in a dry, cool and well-ventilated place., Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

HAND PROTECTION

Use protective gloves made of: Rubber (natural, latex).

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

General workwear only

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear, Liquid
COLOUR	Red, Brown
ODOUR	Acidic.
RELATIVE DENSITY	1.060 - 1.070 @ 20 °C
pH-VALUE, CONC. SOLUTION	<1.0
SOLUBILITY	Soluble in water

10 STABILITY AND REACTIVITY

STABILITY	Stable under normal temperature conditions.
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	3264
UK ROAD CLASS	8
UK ROAD PACK GR.	III
ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.
PROPER SHIPPING NAME	CORROSIVE LIQUID, ACIDIC, INORGANIC,NOS, (Hydrochloric acid & Phosphoric acid)
UN NO. SEA	3264
IMDG CLASS	8
UN NO. AIR	3264

15 REGULATORY INFORMATION

LABELLING



Corrosive (C)

CONTAINS	HYDROCHLORIC ACID
RISK PHRASES	R34 Causes burns., R37 Irritating to respiratory system.
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)., S51 Use only in well-ventilated areas., S24/25 Avoid contact with skin and eyes.
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	09/02/2010
REV. NO./REPL. SDS GENERATED	9
RISK PHRASES IN FULL	R34 Causes burns. R34 Causes burns., R37 Irritating to respiratory system. R22 Harmful if swallowed., R41 Risk of serious damage to eyes.