H001 **SELPHOS** 

> Revision Date: 18/04/2006

# SAFETY DATA SHEET

### H001 SELPHOS

## IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT CODE: H001 **SELPHOS** PRODUCT NAME:

MANUFACTURER: Selden Research Limited

> Staden Lane Ashbourne Road

**Buxton** Derbyshire SK17 9RZ

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2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME

EINECS Nr.: CLASSIFICATION CONTENT

ALCOHOL ETHOXYLATE

Xi:R38.R41. 1-5 %

HYDROCHLORIC ACID

7647-01-0 C;R34 Xi;R37 10-30 %

PHOSPHORIC ACID

7664-38-2 C;R34 1-5 %

The full text for all R-Phrases are displayed in Section 16

#### 3. HAZARDS IDENTIFICATION

## R36/37/38 Irritating to eyes, respiratory system and skin

## 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.

Remove affected person from source of contamination. Remove contaminated clothing. Rinse the skin SKIN:

immediately with lots of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation

persists after washing.

EYES: Hold eyelids apart. Important! Immediately rinse with water for at least 15 minutes. Get medical

attention immediately. Continue to rinse.

5. FIRE FIGHTING MEASURES

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Use:, Dry chemicals, sand, dolomite etc. Foam. Water spray. EXTINGUISHING MEDIA:

SPECIAL FIRE FIGHTING PROCEDURES: Use water to keep fire exposed containers cool and disperse vapours.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS: Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers.

Flush with plenty of water to clean spillage area.

Any spillage needs to be contained and not allowed to enter water courses **ENVIRONMENTAL PRECAUTIONS:** 

7. HANDLING AND STORAGE

Avoid spilling, skin and eye contact. **USAGE PRECAUTIONS:** 

Store in tightly closed original container in a dry and cool place. Keep in original container. STORAGE PRECAUTIONS:

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME: CAS No.: STD LT EXP 8 Hrs ST EXP 15 Min

PHOSPHORIC ACID WEL, WEL

#### PROTECTIVE EQUIPMENT:





# 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, Liquid
COLOUR: Red, Brown
ODOUR: Acidic.

DENSITY/SPECIFIC GRAVITY(g/ml) 1.060 - 1.070
pH-VALUE, CONC. SOLUTION: <1.0

SOLUBILITY: Soluble in water

#### 10. STABILITY AND REACTIVITY

STABILITY: Stable under normal temperature conditions.

HAZARDOUS COMPOSITION PRODUCTS: Fire or high temperatures create:, Toxic gases/vapours/fumes of:, Carbon dioxide (CO2). Carbon

monoxide (CO)

#### 11. TOXICOLOGY INFORMATION

INHALATION: May cause irritation to the respiratory system.

INGESTION: Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Nausea, vomiting.

SKIN CONTACT: Irritating to skin. Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT: Risk of serious damage to eyes. Irritation of eyes and mucous membranes.

# 12. ECOLOGICAL INFORMATION

ECOTOXICITY: Not classed as Hazardous to the Environment but release to the environment should be avoided.

### 13. DISPOSAL CONSIDERATIONS

DISPOSABLE METHODS: Dispose of waste and residues in accordance with local authority requirements.

## 14. TRANSPORT INFORMATION

# LABEL FOR CONVEYANCE:



UN NO ROAD: 1760
UK ROAD TRANSPORT CLASS: 8
UK ROAD PACK GR.: III
ADR CLASS NO.: 8

ADR CLASS: Class 8: Corrosive substances.

PROPER SHIPPING NAME I: CORROSIVE LIQUID, NOS (Hydrochloric Acid)

 UN No SEA:
 1760

 IMDG CLASS:
 8

 UN NO. AIR:
 1760

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#### 15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



RISK PHRASES: R36/37/38 Irritating to eyes, respiratory system and skin.

S2 Keep out of the reach of children, S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 Wear suitable gloves and eye/face protection. S46 If swallowed, seek medical advice immediately and show this container or label. **SAFETY PHRASES:** 

STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

Classification and Labelling of Substances and Preparations Dangerous for Supply. APPROVED CODE OF PRACTICE:

Workplace Exposure Limits EH40. CHIP for everyone HSG(108). **GUIDANCE NOTES:** 

DETERGENT LABELLING:

< 5% Non-ionic surfactants

# 16. OTHER INFORMATION

The following risk phrases relate to the raw materials in the product and not the product itself:-**USER NOTES:** 

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REV. NO./REPL. SDS GENERATED:

R34 Causes burns.  $\mid$  R34 Causes burns., R37 Irritating to respiratory system.  $\mid$  R38 Irritating to skin., R41 Risk of serious damage to eyes.  $\mid$ R-PHRASES (Full Text):

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