

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## SYMBOL

Revision 1  
Revision date 03-02-2010

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

**Product code** HAP03  
**Product name** SYMBOL  
**Type of product and use** HERBICIDE.  
**Company** United Phosphorus Limited  
Chadwick House  
Birchwood Park  
Warrington  
Cheshire  
WA3 6AE  
United Kingdom  
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**Telephone** +44 1925 819999  
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**Emergency telephone number** CARECHEM24 : +44 208 762 8322

### 2. HAZARDS IDENTIFICATION

**Main hazards** Harmful by inhalation. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Risk of serious damage to eyes.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Tallow alkylamine ethoxylate, ethylene glycol	10-20%			Xn;R22 Xi;R41

### 4. FIRST AID MEASURES

**Skin contact** Remove contaminated clothing. Wash off immediately with plenty of soap and water.  
**Eye contact** Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.  
**Inhalation** Move the exposed person to fresh air.  
**Ingestion** DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.  
**General information** Wash all contaminated clothing before reuse.

### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Carbon dioxide (CO2) Foam. Water. Dry chemical.  
**Protective equipment** Wear self contained breathing apparatus and protective clothing.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Personal precautions.
<b>Environmental precautions</b>	Do not release into sewers, surface water or watercourses. Stop any possible leakage.
<b>Clean up methods</b>	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Do not eat, drink or smoke in areas where this product is used or stored.
<b>Storage</b>	Store in correctly labelled containers. Do NOT allow to freeze. Keep out of the reach of children.
<b>Suitable packaging</b>	Plastic containers. Stainless steel containers. Suitable packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures</b>	Eye wash bottle with water.
<b>Respiratory protection</b>	Not normally required.
<b>Hand protection</b>	Wash hands after handling the product.
<b>Eye protection</b>	Safety glasses.
<b>Protective equipment</b>	Wear suitable protective equipment.
<b>Hygiene measures</b>	Change clothes when contaminated. When using do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.
<b>Colour</b>	Amber.
<b>Odour</b>	No discernable odour.
<b>pH</b>	5 to 5.5
<b>Flash point</b>	does not flash°C
<b>Relative density</b>	1.176
<b>Water solubility</b>	Soluble in water.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Will not polymerize.
<b>Materials to avoid</b>	Bases.
<b>Hazardous decomposition products</b>	None.

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## 11. TOXICOLOGICAL INFORMATION

### Toxicological information

SYMBOL Oral Rat LD50 = > 5,000 mg/kg  
Dermal Rabbit LD50 = > 5,000 mg/kg  
Inhalation Rat LC50/4 h = 3.18 mg/L

**Eye contact** Irritant.  
**Sensitization** No sensitization effects reported.  
**Mutagenic effects** No mutagenic effects reported.  
**Carcinogenic effects** No carcinogenic effects reported.  
**Reproductive toxicity** No teratogenic effects reported.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

SYMBOL Daphnia EC50/48h = 5.3mg/l mg/l  
Rainbow trout LC50/96h = 8.2 mg/L  
Fathead minnows LC50/96h = 9.4 mg/l  
Bluegill sunfish LC50/96h = 5.8 mg/L

**Degradability** Readily biodegradable.  
**Bioaccumulation** Does not bioaccumulate.

## 13. DISPOSAL CONSIDERATIONS

**General information** Local and national regulations. Do not allow product to enter drains.  
**Disposal methods** Contact a licensed waste disposal company. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.  
**Disposal of packaging** After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free). Dispose of the contaminated packaging in an approved collecting and recycling centre, according to local/national regulations.

## 14. TRANSPORT INFORMATION

### ADR/RID

**UN 3082**  
**Class 9**  
**Packing group III**  
**Hazard ID 90**  
**Proper Shipping Name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, GLYPHOSATE TECHNICAL.

### IMDG

**UN 3082**  
**Class 9**  
**Packing group III**  
**Marine pollutant NO**  
**EmS Code** F-A S-F

### IATA

**UN 3082**  
**Class 9**  
**Packing group III**  
**Subsidiary risk -**  
**Packing Instruction 914** **Maximum quantity 450 L**  
**(Cargo)**  
**Packing Instruction 914** **Maximum quantity 450 L**  
**(Passenger)**

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## 15. REGULATORY INFORMATION

**Symbols** Xn, Harmful.N - Dangerous for the environment



**Risk phrases**

R20 - Harmful by inhalation.  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R41 - Risk of serious damage to eyes.

**Safety phrases**

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S35 - This material and its container must be disposed of in a safe way.  
S39 - Wear eye/face protection.  
S57 - Use appropriate container to avoid environmental contamination.

## 16. OTHER INFORMATION

**Text of risk phrases in** R22 - Harmful if swallowed.

**Section 3**

R41 - Risk of serious damage to eyes.

**Revision**

This document differs from the previous version in the following areas:

9 - odour.

9 - pH.

9 - odour.