



## SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

**Depitox**

Version 8 (UK)

Issue date 10/30/2009

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

#### Product information

Trade name : **Depitox**

Usage : herbicide

Company : Nufarm UK Limited  
Wyke Lane  
Wyke  
Bradford  
West Yorkshire BD12 9EJ  
United Kingdom

Telephone : +44 (0)1274 691234  
Telefax : +44 (0)1274 691176  
E-mail : infouk@uk.nufarm.com

Emergency telephone : **+44(0)1274 696603**

### 2. HAZARDS IDENTIFICATION

Risk of serious damage to eyes.  
Irritating to skin.  
Harmful to aquatic organisms.  
May cause long-term adverse effects in the aquatic environment.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical nature** : Soluble liquid  
Contains 500 g/L 2,4-D as DMA salt

Components	CAS-No.	EINECS-No. ELINCS-No.	Symbol(s)	R-phrases(s)	Concentration (w/w)
2,4-D DMA	2008-39-1	217-915-8	Xn, N	R22, R41, R43, R51/53	51.4 %

### 4. FIRST AID MEASURES

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.

Skin contact : Take off all contaminated clothing immediately. Wash off immediately with soap and plenty of water. If symptoms persist, call a physician. Wash contaminated clothing before re-use.

Inhalation : Move to fresh air. If symptoms persist, call a physician.

Ingestion : Do NOT induce vomiting. Rinse mouth. If conscious, drink plenty of water. If symptoms persist, call a physician.



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### Notes to physician

Treatment : Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

- Specific hazards during fire fighting : In the event of fire (HCl, Cl<sub>2</sub>, NO<sub>x</sub>, CO) may be formed.
- Special protective equipment for fire-fighters : Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.
- Suitable extinguishing media : Water spray, Carbon dioxide (CO<sub>2</sub>), Dry powder, Alcohol-resistant foam
- Extinguishing media which shall not be used for safety reasons : High volume water jet
- Further information : Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Wear personal protective equipment. (see Chapter 8)
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder). Sweep up and shovel into suitable containers for disposal.
- Additional advice : Never return spills in original containers for re-use.

## 7. HANDLING AND STORAGE

### Handling

Safe handling advice : Wear personal protective equipment.

### Storage

Requirements for storage areas and containers : Store in original container. Keep containers tightly closed in a cool, well-ventilated place.

Advice on common storage : Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Personal protective equipment

- Respiratory protection : No special protective equipment required.
- Hand protection : PVC or nitrile-rubber gloves
- Eye protection : Safety glasses, or, Goggles
- Skin and body protection : lightweight protective clothing
- Hygiene measures : Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.
- Protective measures : Avoid contact with skin, eyes and clothing. Keep working clothes separately.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

- Physical state : liquid
- Colour : brown
- Odour : amine-like

### Other data

- Boiling point/boiling range : ca.100 °C
- Density : 1.172 g/cm<sup>3</sup>  
at 20 °C
- Water solubility : completely miscible
- pH : 7.5 - 9
- Partition coefficient: n-  
octanol/water : log POW = 0.04 - 0.33  
(pH 5)



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## 10. STABILITY AND REACTIVITY

Conditions to avoid : No dangerous reaction known under conditions of normal use.

Materials to avoid : Strong acids and strong bases

## 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat  
Dose: > 2,000 mg/kg

Acute dermal toxicity : LD50 rabbit  
Dose: > 2,000 mg/kg

Acute inhalation toxicity : LC50  
Exposure time: 4 h  
Dose: 7.41 mg/l

Skin irritation : Result: Irritating to skin.

Eye irritation : Result: Severe eye irritation

Sensitisation : Result: Did not cause sensitization.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

Toxicity to fish : LC50  
Dose: 240 mg/l  
Testing period: 96 h

Toxicity to daphnia : LC50  
Dose: > 400 mg/l  
Testing period: 48 h

Toxicity to algae : EC50  
Dose: 33.2 mg/l



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### 13. DISPOSAL CONSIDERATIONS

- Product : Dispose of product and packaging in accordance with The Green Code. (The Code of Practice for the safe use of Pesticides on Farms and Holdings.) A MAFF Publication.
- Contaminated packaging : Do not dispose with household waste. Do not re-use empty containers. Dispose at licensed waste disposal site capable of accepting pesticides in compliance with applicable regulations. according to EC directive 94/62/EC
- According to European Directive 2000/532/EC as amended :
- Waste Key Number : 02 01 08 (agrochemical waste containing dangerous substances)

### 14. TRANSPORT INFORMATION

- UN-Number : **3082**
- Description of the goods : UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.\*(2,4-D)
- IMDG**
- Class : 9
- Packaging group : III
- Marine pollutant : Y

**ADR/RID :**

Not a dangerous substance as defined in the above regulations.

**IATA-DGR :**

Not a dangerous substance as defined in the above regulations.

### 15. REGULATORY INFORMATION

- Symbol(s) : Xi Irritant



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R-phrase(s)	:	R38 R41 R52/53	Irritating to skin. Risk of serious damage to eyes. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrase(s)	:	S26  S35  S37 S39 S57	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. This material and its container must be disposed of in a safe way. Wear suitable gloves. Wear eye/face protection. Use appropriate container to avoid environmental contamination.
Other regulations	:	The product is classified and labelled in accordance with EC directives or respective national laws.	

### 16. OTHER INFORMATION

Print Date : 30/10/2009

(Alterations are indicated in the left hand margin by: || )

Full text of any R phrases referred to under heading 3:

- R22 - Harmful if swallowed.
- R41 - Risk of serious damage to eyes.
- R43 - May cause sensitization by skin contact.
- R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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