



SAFETY DATA SHEET
according to EC directive 2001/58/EC

Depitox
Version 7 (UK)

Issue date 01/04/2007

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

Product information

Trade name : **Depitox**

Usage : herbicide

Company : Nufarm UK Limited
Crabtree Manorway North
Belvedere
KENT DA17 6BQ
UK

Emergency telephone number : **+44 (0)20 8319 7222**

2. 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 %

3. 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.

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.

Notes to physician

Treatment : Treat symptomatically.



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5. FIRE-FIGHTING MEASURES

- Specific hazards during fire fighting : In the event of fire (HCl,Cl₂,NO_x,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 (CO₂), dry powder, alcohol-resistant foam
- Extinguishing media which must 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. Protect from frost.
- 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



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Eye protection	:	safety glasses, or, goggles
Skin and body protection	:	protective suit
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/range	:	ca.100 °C
Density	:	1.172 g/cm ³ at 20 °C
Water solubility	:	completely miscible
pH	:	7.5 - 9.5
Partition coefficient (n-octanol/water)	:	log POW = 0.04 - 0.33 (pH 5)

10. STABILITY AND REACTIVITY

Conditions to avoid	:	none under normal use
Materials to avoid	:	strong acids

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



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Dose: 7.41 mg/l

Skin irritation : Result: Irritating to skin.

Eye irritation : Result: Severe eye irritation

Sensitization : 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

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 European Directive 2000/532/EC as amended :
Waste Key Number : 02 01 08 (agrochemical waste containing dangerous substances)

14. TRANSPORT INFORMATION

UN-No : **3082**

Description of the goods : UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.*(2,4-D)

IMDG

Class : 9
Packaging group : III

ADR/RID :

Not a dangerous substance as defined in the above regulations.

IATA-DGR :

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15. REGULATORY INFORMATION

Symbol(s):	: Xi	Irritant
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 containment to avoid environmental contamination.
Other regulations	: The product is classified and labelled in accordance with National and European directives.	

16. OTHER INFORMATION

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

Full text of any R phrases referred to under heading 2:

- 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.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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