



# SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

## Mextrol DP

Version 1 (UK)

Issue date 11/02/2009

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

#### Product information

Trade name : **Mextrol DP**

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

Harmful if swallowed.  
Risk of serious damage to eyes.  
Harmful to aquatic organisms.  
May cause long-term adverse effects in the aquatic environment.  
Possible risk of harm to the unborn child.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical nature** : Aqueous solution of the sodium salt  
Dichlorprop-P 500g/l, ioxynil 116 g/l

Components	CAS-No.	EINECS-No. ELINCS-No.	Symbol(s)	R-phrases(s)	Concentration (w/w)
Dichlorprop-P Na	119299-10-4	413-340-3	Xn	R20/21/22	42.0 %
ioxynil	1689-83-4	216-881-1	N, T	R21, R23/25, R36, R48/22, R50/53, R63	8.9 %

### 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.



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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.

**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, Dry powder, Sand, Foam, Carbon dioxide (CO<sub>2</sub>)

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 : Use 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. Keep out of the reach of children.

**Storage**

Requirements for storage : Store in original container. Keep containers tightly closed in a



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areas and containers : cool, well-ventilated place. Protéger du gel.

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

**Storage stability**

Storage temperature : > 0 °C  
: < 40 °C

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Personal protective equipment**

Respiratory protection : Breathing apparatus needed only when aerosol or mist is formed.

Hand protection : PVC or nitrile-rubber gloves

Eye protection : Goggles, or, Safety glasses

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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**

Physical state : liquid  
Form : Soluble concentrate  
Colour : brown-oranged  
Odour : faint

**Other data**

Melting point/range : no data available

Boiling point/boiling range : no data available

Flash point : 108 °C

Ignition temperature : 395 °C

Upper explosion limit : no data available



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Lower explosion limit : no data available

Vapour pressure : no data available

Density : ca.1.3 g/cm<sup>3</sup>

Water solubility : completely miscible

pH : ca.8

Partition coefficient: n-octanol/water : no data available

Viscosity, dynamic : no data available

## 10. STABILITY AND REACTIVITY

Conditions to avoid : Temperatures above 40°C, Temperatures below freezing point

Materials to avoid : Metals

## 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat  
Dose: 750 - 1,000 mg/kg

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

Acute inhalation toxicity : LC50 rat  
Exposure time: 4 h  
Dose: > 3.38 mg/l  
Remarks: highest attainable concentration

Skin irritation : rabbit  
Result: No skin irritation

Eye irritation : rabbit



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Sensitisation : Guinea-pig  
Result: Risk of serious damage to eyes.  
Result: Did not cause sensitization.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

Toxicity to fish : LC50 *Oncorhynchus mykiss* (Rainbow trout)  
Dose: 31 mg/l  
Testing period: 96 h

NOEC *Oncorhynchus mykiss* (Rainbow trout)  
Dose: 10 mg/l  
Testing period: 21 d

Toxicity to daphnia : EC50 *Daphnia magna* (Water flea)  
Dose: 17 mg/l  
Testing period: 48 h

NOEC *Daphnia magna* (Water flea)  
Dose: 10 mg/l  
Testing period: 21 d

Toxicity to algae : EbC50 *Scenedesmus subspicatus*  
Dose: 330 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-Number :

**ADR/RID :**

Not a dangerous substance as defined in the above regulations.

**IMDG :**

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)	: Xn	Harmful
R-phrase(s)	: R22 R41 R52/53  R63	Harmful if swallowed. Risk of serious damage to eyes. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of harm to the unborn child.
S-phrase(s)	: S 2 S13  S20/21 S36/37/39  S46  S60	Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. When using do not eat, drink or smoke. Wear suitable protective clothing, gloves and eye/face protection. If swallowed, seek medical advice immediately and show this container or label. This material and its container must be disposed of as hazardous waste.

## 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 3:

- R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.
- R21 - Harmful in contact with skin.
- R23/25 - Toxic by inhalation and if swallowed.
- R36 - Irritating to eyes.
- R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed.
- R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R63 - Possible risk of harm to the unborn child.

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