



SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

Compitox Plus

Version 1 (Ireland)

Issue date 08/01/2008

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

Product information

Trade name : **Compitox Plus**

Usage : herbicide

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

Telephone : +44 (0)20 8319 7222

Telefax : +44 (0)20 8319 7200

E-mail : infouk@uk.nufarm.com

Emergency telephone number : **+44 (0)20 8319 7289**

2. HAZARDS IDENTIFICATION

Harmful if swallowed.
Risk of serious damage to eyes.
May cause sensitization by skin contact
Harmful to aquatic organisms.
May cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Aqueous solution of the potassium salt
Contains Mecoprop-P 600g/l

Components	CAS-No.	EINECS-No. ELINCS-No.	Symbol(s):	R-pharse(s)	Concentration (w/w)
Mecoprop-P K	66423-05-0		Xn, N	R22, R41, R51/53	56.9 %
4-chloro-o-cresol	1570-64-5	216-381-3	T, C, N	R23, R35, R50	0.2 %

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 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.



SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

Compitox Plus

Version 1 (Ireland)

Issue date 08/01/2008

Ingestion : If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting. Rinse mouth. Immediately give large quantities of water to drink. Never give anything by mouth to an unconscious person.

Notes to physician

Treatment : Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Specific hazards during fire fighting : In the event of fire (HCl, Cl₂, 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.



SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

Compitox Plus

Version 1 (Ireland)

Issue date 08/01/2008

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

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 : slight phenolic

Other data

- Boiling point/range : > 100 °C
- Flash point : > 100 °C
- Density : 1.24 g/cm³
at 20 °C
- Water solubility : completely soluble
- pH : 8 - 10
- Partition coefficient : log POW = 2.8



SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

Compitox Plus

Version 1 (Ireland)

Issue date 08/01/2008

(n-octanol/water)

(pH 7), (mecoprop-P)

10. STABILITY AND REACTIVITY

Thermal decomposition : No decomposition if stored and applied as directed.

Conditions to avoid : none under normal use

Materials to avoid : strong acids

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat
Dose: 1,291 mg/kg

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

Acute inhalation toxicity : LC50 rat
Exposure time: 4 h
Dose: > 5.6 mg/l
Test substance: (mecoprop-P)

Skin irritation : Classification: No skin irritation

Eye irritation : Classification: Risk of serious damage to eyes.

Sensitization : Classification: May cause sensitisation by skin contact.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

: LD50 Toxicity to birds
Dose: 497 mg/kg

: Bee
Value (µg/Species): > 83



SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

Compitox Plus

Version 1 (Ireland)

Issue date 08/01/2008

Toxicity to fish : LC50
Dose: > 100 mg/l
Testing period: 96 h
Test substance: (mecoprop-P)

Toxicity to daphnia : LC50 Daphnia
Dose: > 91 mg/l
Testing period: 48 h
Test substance: (mecoprop-P)

Toxicity to algae : EC50 Toxicity to algae
Dose: > 16.2 mg/l
Exposure time: 72 h
Test substance: (mecoprop-P)

13. DISPOSAL CONSIDERATIONS

Product : In accordance with local and national regulations.

Contaminated packaging : Do not re-use empty containers. Dispose empty and triple rinsed container within a local disposing system according to EC directive 94/62/EC

14. TRANSPORT INFORMATION

UN-No :

IATA-DGR :

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.



SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

Compitox Plus

Version 1 (Ireland)

Issue date 08/01/2008

15. REGULATORY INFORMATION

labelling according to EEC

Directive : EEC/99/45

Symbol(s) : Xn Harmful

R-phrase(s) : R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.
R43 May cause sensitization by skin contact.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s) : S24 Avoid contact with the skin.
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.

Other regulations : The product is classified and labelled in accordance with National and European directives.

16. OTHER INFORMATION

PRINT DATE : 01/08/2008

(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.
- R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R23 - Toxic by inhalation.
- R35 - Causes severe burns.
- R50 - Very toxic to aquatic organisms.



SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

Compitox Plus

Version 1 (Ireland)

Issue date 08/01/2008

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.

The information given herein is, to the best of our knowledge, correct and is given in good faith but no warranty, expressed or implied, is given.