



SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

Conga

Version 1 (UK)

Issue date 06/09/2010

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

Product information

Trade name : **Conga**

Usage : herbicide

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

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2. HAZARDS IDENTIFICATION

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : suspension concentrate (SC)
Mecoprop-P (500 g/l), Diflufenican (33.3 g/l)

Components	CAS-No.	EINECS-No. ELINCS-No.	Symbol(s)	R-phrases(s)	Concentration (w/w)
Mecoprop-P K	66423-05-0		Xn, N	R22, R41, R51/53	48.2 %
Diflufenican	83164-33-4			R52/53	2.6 %
4-chloro-o-cresol	1570-64-5	216-381-3	T, C, N	R23, R35, R50	0.1 %

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 : Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

Inhalation : Move out of dangerous area. Call for a physician.

Ingestion : Do NOT induce vomiting. Clean mouth with water and drink



afterwards plenty of water. Call a physician immediately.

Notes to physician

Treatment : Treat symptomatically. If ingested, irrigate the stomach using activated charcoal in addition. As the elimination occurs via the kidneys a dialyse is appropriate.

5. FIRE-FIGHTING MEASURES

- Specific hazards during fire fighting : In the event of fire (HCl,Cl₂,NO_x,CO_x,HF) 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 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.



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

Storage stability

Storage temperature : > 0 °C
: < 30 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : Breathing apparatus needed only when aerosol or mist is formed. Respirator with combination filter for vapour/particulate (EN 141).

Hand protection : Impervious gloves

Eye protection : Tightly fitting safety goggles

Skin and body protection : impervious 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
Form : suspension concentrate (SC)
Colour : beige
Odour : very faint

Other data

Melting point/range : no data available

Boiling point/boiling range : 100 °C

Flash point : > 100 °C

Density : 1.245 g/cm³



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Water solubility : partly miscible

pH : 7.9
at 10 g/l (23 °C)

Partition coefficient: n-
octanol/water : log POW = 0.02
at 20 °C

(pH 7), (MCPP-P)

log POW = 4.2

(Diflufenican)

Viscosity, dynamic : 44 mPa.s

10. STABILITY AND REACTIVITY

Conditions to avoid : No decomposition if stored and applied as directed.

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 rat
Dose: > 2,000 mg/kg

Skin irritation : rabbit
Result: No skin irritation

Eye irritation : rabbit
Result: Irritating to eyes.

Sensitisation : Buehler Test
Result: Causes sensitization.



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12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish : LC50 *Oncorhynchus mykiss* (Rainbow trout)
Dose: > 80 mg/l
Testing period: 96 h

Toxicity to daphnia : EC50 *Daphnia*
Dose: > 80 mg/l
Testing period: 48 h

Toxicity to algae : IC50 Toxicity to algae
Dose: 0.31 mg/l
Exposure time: 96 h

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.*(mecoprop-P)

ADR/RID

Class : 9



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Packaging group : III

IMDG

Class : 9
Packaging group : III
Marine pollutant : Y

IATA-DGR

Class : 9
Packaging group : III

15. REGULATORY INFORMATION

Symbol(s) : Xn Harmful
N Dangerous for the environment

R-phrase(s) : R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.
R43 May cause sensitization by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s) : **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.
S37 Wear suitable gloves.
S39 Wear eye/face protection.
S57 Use appropriate container to avoid environmental contamination.

Further information : Handle in accordance with good industrial hygiene and safety practice.

Other regulations : The product is classified and labelled in accordance with EC directives or respective national laws.



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16. OTHER INFORMATION

Print Date : 09/06/2010

(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.
- R52/53 - Harmful 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.

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The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.