



Material Safety Data Sheet

According to EC Regulation 1907/2006

Print date: 02-Aug-2012

Revision Number: 2

Revision date: 25-Oct-2011

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

Identification of the substance or preparation

MSDS Ref. No.: P50002
Product name: Jewel

Use of the Substance/Preparation

Company/Undertaking

• Everris International BV
Nijverheidsweg 1-5; 6422 PD Heerlen (NL)
Tel: ++31 (0) 45-5609100; Fax: ++31 (0) 45-5609190

Identification

Emergency telephone number: ++44 (0) 1865 407333 (24h)

Email INFO-MSDS@EVERRIS.com

2. HAZARDS IDENTIFICATION

Classification

Indication of danger:

N - Dangerous for the environment.

Xn - Harmful.

Xn - Harmful

N - Dangerous for the environment

Xn

N



Most important hazards

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.

2. HAZARDS IDENTIFICATION

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)

S 2 - Keep out of the reach of children.
 S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S29 - Do not empty into drains.
 S39 - Wear eye/face protection.
 S46 - If swallowed, seek medical advice immediately and show this container or label.
 S57 - Use appropriate container to avoid environmental contamination.
 S24/25 - Avoid contact with skin and eyes.
 S37/39 - Wear suitable gloves and eye/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Ingredients	CAS-No	Weight %	EC-No.	Classification
Mecoprop-P	16484-77-8	> 25%	240-539-0	N;R51/53 Xi;R41 Xn;R22
Carfentrazone-ethyl	128639-02-1	1 - 5%	NE	N;R50/53

NE = Non-Established

For the full text of the R phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

General advice:	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Ingestion:	If conscious, drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.
Inhalation:	Move to fresh air. If symptoms persist, call a physician.
Skin contact:	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.
Eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Notes to physician:	Artificial respiration and/or oxygen may be necessary

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide (CO₂). Foam. Powder.

Unsuitable extinguishing media:

Water

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases:

Danger of toxic gases in smoke in case of fire

Special protective equipment for firefighters:

Self-contained breathing apparatus and suitable protective clothing.

Specific methods:

Dike and collect water used to fight fire.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions:**

Avoid contact with skin and eyes. Use personal protective equipment.

Environmental precautions:

Should not be released into the environment.

Methods for cleaning up:

Avoid dust formation. Moisten and remove. Neutralise non-recoverable product with a solution of caustic or soda ash, and an appropriate alcohol (methanol, ethanol or isopropanol)..

7. HANDLING AND STORAGE**Handling:****Technical measures/precautions:**

Ensure adequate ventilation.

Safe handling advice:

Avoid contact with skin and eyes. Avoid dust formation.

Storage:**Technical measures/storage conditions:**

Store in original container. Keep tightly closed in a dry, cool and well-ventilated place. Keep away from sources of ignition - No smoking. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.

Incompatible products:

No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Engineering measures to reduce exposure:**

Ensure adequate ventilation.. Provide appropriate exhaust ventilation at places where dust is formed..

Occupational exposure controls**Personal protective equipment****Respiratory protection:**

Respirator with FFP3 filter.

Hand protection:

Chemical resistant gloves. Nitrile rubber. Neoprene gloves.

Eye/face protection

Tightly fitting safety goggles.

Skin and body protection:

Impervious clothing.

Hygiene measures

Wash hands and exposed skin after use / handling. When using, do not eat, drink or smoke.

Exposure limit values

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:	Solid
Appearance:	Granules
Color:	Brown
Odor:	Slight, phenolic

Important Health Safety and Environmental Information

Boiling point/range:	Not applicable
Melting point/range:	Not applicable
Vapour pressure	Not applicable
Vapour density	Not applicable
Explosive properties:	Doesn't present explosion hazard
Flammability (solid, gas):	Non-flammable

Other information

pH:	7.68 (1 % solution in water.)
Specific gravity:	0.58 - 0.68 g/ml

10. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Keep away from heat and ignition sources.
Hazardous decomposition products	Carbon monoxide (CO). Carbon dioxide (CO ₂). Hydrogen fluoride. hydrogen chloride. Nitrogen oxides (NO _x).
Hazardous reactions	None reasonably foreseeable

11. TOXICOLOGICAL INFORMATION

Component information*Mecoprop-P*

LD50/oral/rat =	1050mg/kg
LD50/dermal/rat =	>4000mg/kg
LC50/inhalation/4h/rat =	>5.6mg/l

Carfentrazone-ethyl

LD50/oral/rat =	> 5000 mg/kg
LD50/dermal/rat =	> 5000 mg/kg
LC50/inhalation/4h/rat =	> 5.09 mg/kg

Product information

LC50/inhalation/4h/rat = >5mg/l
 LD50/dermal/rat = >2000mg/kg
 LD50/oral/rat = 1464mg/kg

Local effects

Skin effects: Non-irritating to the skin.
Eye effects: May cause severe ocular lesions.
Inhalation: No information available.
Ingestion: Harmful if swallowed.
Sensitization: May cause sensitization by skin contact.

12. ECOLOGICAL INFORMATION**Product information**

Aquatic toxicity: Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

EC50/72h/algae = 0.4mg/l.
 LC50/96h/rainbow trout = 35.4mg/l.
 EC50/48h/daphnia = 141mg/l.

Ecotoxicity No ecological information is known on the product

Persistence and degradability No persistent or cumulative effects were observed

Bioaccumulative potential Does not bioaccumulate

Mobility in soil No information available

Component information

Mecoprop-P

Ecotoxicity effects EC50/48h/daphnia =>91 mg/L
 LC50/96h/rainbow trout => 100 mg/L
 EC50/72h/algae =270 mg/L

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Do not contaminate ponds, waterways or ditches with chemical or used container. Do not empty into drains. Dispose of in accordance with local regulations and national regulations.

Contaminated packaging: Do not re-use container for any other purpose and dispose of safely. In accordance with local and national regulations.

14. TRANSPORT INFORMATION

Product information

Physical State: Solid

ADR/RID

UN-No: 3077
Proper shipping name: Environmentally Hazardous Substance Solid
N.O.S.(Mecoprop-P, Carfentrazone-ethyl)
Hazard Class: 9
Packing group: III
ADR - Tunnel Restriction Codes E

IATA

UN-No: 3077
Proper shipping name: Environmentally Hazardous Substance Solid
N.O.S.(Mecoprop-P, Carfentrazone-ethyl)
Hazard Class: 9
Packing group: III

IMO / IMDG

UN-No: 3077
Proper shipping name: Environmentally Hazardous Substance Solid
N.O.S.(Mecoprop-P, Carfentrazone-ethyl)
Hazard Class: 9
Packing group: III

15. REGULATORY INFORMATION

Indication of danger:

N - Dangerous for the environment.
Xn - Harmful.

In accordance with local and national regulations

Registration number UK/Eire: MAPP 14327 PCS No.: 02953
GefStoffV (DE): Not applicable

16. OTHER INFORMATION

Text of R Phrases mentioned in Section 3

R22 - Harmful if swallowed.
R41 - Risk of serious damage to eyes.
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Reason for revision: *** Indicates changes since the last revision. This version replaces all previous versions

Revision date: 25-Oct-2011

Prepared by: Regulatory Affairs Department.

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End of Safety Data Sheet