

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name: **Evergreen Feed and Weed**
Common Name of active ingredient(s): MCPA; Mecoprop-P

Intended Use: For use only as a Home Garden Lawn Treatment; Weedkiller and Fertilizer.
Dilution: Ready to use at 35g/m²

For further information or in an emergency (24 hour service) contact: Levington Horticulture Limited, Paper Mill Lane, Bramford, Ipswich, IP8 4BZ, England. Telephone: (01473) 830492

Date of Introduction: September 1985
Date of Change: Change of product name from Evergreen 90: September 1992
Change of formulation from mecoprop to mecoprop-P: September 1995

2. COMPOSITION/INFORMATION ON INGREDIENTS

SPEC. No.: 006528

Nitrogen-Phosphorus-Potassium (N-P-K)	14-2-4	
MCPA	0.49% w/w	Pure Active ingredient
Mecoprop-P	0.29% w/w	Pure Active ingredient
Sand	22.0% w/w	Filler
Fertilizer salts		
Density adjuster		
Anti-caking agent		
Filler		

Occupational Exposure Standards:

Sand (as for amorphous silica):		
total inhalable dust:	8 hr TWA:	6 mg/m ³
respirable dust:	8 hr TWA:	3 mg/m ³

3. HAZARDS IDENTIFICATION

Classification: None

Ingestion:	Low hazard.
Eye contact:	Not irritant.
Skin contact:	Not irritant.
Skin absorption:	Not significant.
Inhalation:	Low hazard.

PRECAUTIONS (from the label): WASH HANDS AND EXPOSED SKIN AFTER USE. KEEP AWAY FROM CHILDREN AND PETS. HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate ponds or streams. KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place. EMPTY CONTAINER COMPLETELY and dispose of safely.

4. FIRST AID MEASURES

Ingestion:	Rinse mouth with water. Seek medical advice if consumed in large quantities.
Eye Contact:	Wash with plenty of water, if serious obtain medical aid.
Skin Contact:	Wash with plenty of water.
Inhalation:	Remove from source of contamination.

5. FIRE FIGHTING MEASURES

May produce fumes if heated to decomposition. Do not breathe fumes. Drench packs with water if exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Wearing protective clothing detailed in Section 8: Collect up and dispose of safely. Wash hands after dealing with spillage. Report to water authority if material enters a water-course or sewer.

7. HANDLING AND STORAGE

Store in a dry place away from direct heat. Store away from compost and other fertilizers. Store in original container, tightly closed, in a safe place.

Shelf life:	At least 2 years
Product Packaging:	175g - 7kg in cardboard cartons and 8.4 - 17.5kg in low density polyethylene sacks.
Special Precautions:	None

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

For normal use: None required - gloves may be worn for personal hygiene if desired.

In case of accidental spillage of bulk product or in experimental use: Coverall, faceshield (BS 2092 G1), dust respirator providing a minimum protection factor of 10 which has HSE type approval, nitrile gloves and rubber boots

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Physical Nature: Herbicide liquor applied to mini-granular, free flowing, fertilizer base.
Appearance/Odour: Grey/characteristic odour of phenoxy herbicide
Water Solubility: Partially soluble
Specific Gravity: 650 g/l
Flammability: Non flammable

10. **STABILITY AND REACTIVITY**

Stability (normal conditions): Stable
Conditions to avoid: Contact with alkali
Incompatible with: Alkaline
Hazardous decomposition products: Ammonia

11. **TOXICOLOGICAL INFORMATION**

LD₅₀: MCPA: 790 mg/kg, oral rat (male); 877 mg/kg, oral rat (female)
Mecoprop-P 1050 mg/kg, oral rat
Source: The Agrochemicals Handbook, 10th edition.
Ferrous sulphate: 750 mg/kg, oral rat
Source: Yearly, RA et al, Journal of Pediatrics 69, 663-667 (1966)

12. **ECOLOGICAL INFORMATION**

HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate ponds or streams. (From label)
MCPA: Degraded in soil. Duration of residual activity in soil is approximately 3 to 4 months.
Birds: Acute oral LD₅₀ Bobwhite Quail 377mg/kg
Fish: LC₅₀ (96h) rainbow trout 232 mg/l
Bees: LD₅₀ 0.104 mg/bee
Daphnia: EC₅₀ >100mg/l

Mecoprop-P: Degraded in soil. Duration of activity in soil is approximately 2 months.
Birds: Acute oral LD₅₀ Quail C. 500mg/kg
Fish: LC₅₀ (96h) trout 150-220 mg/l
Bees: Not toxic to honeybees

Source: The Agrochemicals Handbook, 10th edition.

Non toxic to earthworms

13. **DISPOSAL CONSIDERATIONS**

User: Dispose of empty packs via the domestic refuse.
Surplus Bulk Product/Spillage: Via local authority or authorised waste disposal contractor.

14. **TRANSPORT INFORMATION**

Not classified as dangerous for transport.
UN No: Does not apply
Class No: Does not apply

15. **REGULATORY INFORMATION**

CAS No: MCPA: 94-74-6
Mecoprop-P: 16484-77-8

Country:	UK	UK	UK	Ireland
Registration number:	07595	07479	05906	90598
Note:	mecoprop-P	mecoprop	mecoprop	

16. **OTHER INFORMATION:**

For further advice authorised persons may contact a National Poisons Information Service Centre:

Belfast 01232 240503
Birmingham 0121 507 5588 or 0121 507 5589
Cardiff 01222 709901
Dublin 00 3531 8379964 or 00 3531 8379966
Edinburgh 0131 5362300 or 0131 5361000
Leeds 01132 430715 or 01132 923547
London 0171 635 9191
Newcastle 0191 232 5131

Reference number: SDS166

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