

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name: Greenmaster Extra

Common Name of active ingredient(s): MCPA; Mecoprop-P

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



For further information or in an emergency (24 hour service) contact: L
Ipswich, England IP8 4BZ. Telephone: (01473) 830492

**Scotts UK Professional Paper Mill Lane Bramford
Ipswich IP8 4BZ Tel: 01473 830492**

Date of Introduction: September 1985
Date of Change: Change of product name from Evergreen 90: September 1
Change of formulation from mecoprop to mecoprop-P: September 1995

Fax: 01473 830386 Emergency Tel: 01865 407333

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 before meals and after work. WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate. WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), when applying by vehicle mounted equipment. WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES, RUBBER BOOTS AND FACE PROTECTION (FACESHIELD) when handling contaminated surfaces and applying by hand held equipment. KEEP LIVESTOCK OUT of treated areas for at least two weeks following (or use 'after') treatment and until poisonous weeds such as ragwort have died and become unpalatable. HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container. DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container. 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:	25kg low density polyethylene bag
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: Yeary, 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: Via local authority or authorised waste disposal contractor.
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:	07594	07491	03130	90715
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: SDS048

Version: 1

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