



# Safety Data Sheet

According to EC Directive 2001/58/EC

Print date: 18-Mar-2005

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

### Identification of the substance or preparation

MSDS Ref. No.: SCSDS416  
Product name: Greenmaster Pro-Lite Extra  
14-2-4

### Use of the Substance/Preparation

Recommended use: For use only as a horticultural turf treatment.

Company/Undertaking Identification  
Emergency telephone number: Scotts UK Professional, Paper Mill Lane, Bramford, Ipswich, Suffolk IP8 4BZ United Kingdom  
++44 (0) 1865 407333

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Sand	14808-60-7	> 25%	238-878-4	NE
MCPA (salts & esters of)	607-052-009	< 1%	USA37	Xn: R20/21/22
Mecoprop-P (esters of)	607-423-005	< 1%	USA36	Xn: R22, R43 N:R50-53

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

## 3. HAZARDS IDENTIFICATION

### Classification

In accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3], the product is not classified.

### Most important hazards

Harmful to aquatic organisms.

## 4. FIRST AID MEASURES

General advice: Contains mecoprop-p (iso-octyl-ester). May produce an allergic reaction.

<b>Ingestion:</b>	Rinse mouth. Do not induce vomiting. If symptoms persist, call a physician.
<b>Inhalation:</b>	Move person to fresh air. If symptoms persist, call a physician.
<b>Skin contact:</b>	Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
<b>Eye contact:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Water spray mist or foam, Dry powder, Carbon dioxide (CO2).

**Unsuitable extinguishing media:**

High volume water jet

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

Thermal decomposition can lead to release of irritating gases and vapors

**Special protective equipment for firefighters:**

Use personal protective equipment. In the event of fire, wear self-contained breathing apparatus.

**Specific methods:**

Collect contaminated fire extinguishing water separately. This must not be discharged into drains

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Use personal protective equipment.

**Environmental precautions:**

Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

**Methods for cleaning up:**

Avoid dust formation. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

**Handling:****Technical measures/precautions:**

Ensure adequate ventilation.

**Safe handling advice:**

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Do not smoke. Wash hands and exposed skin after use / handling..

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

Store in original container. Keep tightly closed in a dry and cool place. Protect from extremes of temperature.

**Incompatible products:**

None known.

Specific use(s): No information available

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: Ensure adequate ventilation.

### Occupational exposure controls

#### Personal protective equipment

<b>Respiratory protection:</b>	Effective dust mask
<b>Hand protection:</b>	Protective gloves. Nitrile rubber.
<b>Eye/face protection:</b>	Face-shield.
<b>Skin protection:</b>	Lightweight protective clothing, Rubber boots.
<b>Hygiene measures</b>	When using, do not eat, drink or smoke. Wash hands before stopping and immediately after handling.. Remove and wash contaminated clothing before re-use.

### Exposure limit values

#### *Sand*

<b>UK EH40 MEL (TWA):</b>	LTEL (8 Hr) 6 mg/m <sup>3</sup> (total inhalable dust) STEL (15 min) 2.4 mg/m <sup>3</sup> (total respirable dust)
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#### *MCPA (salts & esters of)*

<b>UK EH40 MEL (TWA):</b>	LTEL (8hr TWA) 14mg/m <sup>3</sup> (supplier data) STEL (15 min) 28mg/m <sup>3</sup> (supplier data)
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#### *Mecoprop-P (esters of)*

<b>UK EH40 MEL (TWA):</b>	LTEL (8 hr TWA) 15mg/m <sup>3</sup> (supplier data) STEL (15 Min) 30mg/m <sup>3</sup> (supplier data)
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Physical State:</b>	Granules
<b>Color:</b>	Grey
<b>Odor:</b>	Slight

### Important Health Safety and Environmental Information

<b>pH:</b>	4 - 6 (1% solution)
<b>Solubility:</b>	Partly soluble

### Other information

<b>Specific gravity:</b>	900g/l
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## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable at normal conditions
<b>Conditions to avoid:</b>	Extremes of temperature and direct sunlight..
<b>Materials to avoid:</b>	Contact with alkali.
<b>Hazardous decomposition products:</b>	Ammonia

## 11. TOXICOLOGICAL INFORMATION

### Component information

<i>MCPA (salts &amp; esters of)</i>	
<b>LD50/oral/rat =</b>	900 - 1160mg/kg
<b>LD50/dermal/rat =</b>	>4000mg/kg
<b>LC50/inhalation/4h/rat =</b>	>6.36mg/l

<i>Mecoprop-P (esters of)</i>	
<b>LD50/oral/rat =</b>	1050mg/kg
<b>LD50/dermal/rat =</b>	>4000mg/kg
<b>LC50/inhalation/4h/rat =</b>	>5.6mg/l

### Product information

#### Local effects

<b>Skin effects:</b>	Non-irritating to the skin.
<b>Eye effects:</b>	Not irritating.
<b>Inhalation:</b>	No information available.
<b>Ingestion:</b>	No information available.

## 12. ECOLOGICAL INFORMATION

### Product information

#### Component information

<i>Sand</i>	
<b>Ecotoxicity:</b>	No information available
<i>MCPA (salts &amp; esters of)</i>	
<b>Ecotoxicity:</b>	LC50/96h/rainbow trout =232mg/l

*Mecoprop-P (esters of)***Ecotoxicity:** LC50/96h/rainbow trout =150 - 220mg/l**Additional ecological information:**Harmful to fish. Harmful to aquatic organisms

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** Do not contaminate ponds, waterways or ditches with chemical or used container..  
Dispose of in accordance with local regulations.**Contaminated packaging:** Do not re-use empty containers Dispose of as unused product. In accordance with  
local and national regulations.

### 14. TRANSPORT INFORMATION

**Product information****Physical State:** Granules**ADR/RID****UN-No:** Not classified for transport**IATA****UN-No:** Not classified for transport**IMO / IMDG****UN-No:** Not classified for transport

### 15. REGULATORY INFORMATION

**Indication of danger:**

In accordance with the Chemicals (Hazards Information and Packaging for Supply) Regulations (CHIP 3), the product is not classified.

To avoid risks to man and the environment, comply with the instructions for use.

**Labelling**

Contains Mecoprop-P (iso-octyl ester). May produce an allergic reaction

**R -phrase(s)**

R52 - Harmful to aquatic organisms.

Do not contaminate ponds, waterways or ditches with chemical or used container. Wash hands and exposed skin after use. Keep in original container, tightly closed in a safe place. Empty container thoroughly and dispose of safely.

### International Inventories

Components	EC-No.	EU - NLPL:	PICCS:	ENCS:	DSL:	TSCA:	CHINA:	AICS:
<i>Sand</i>	238-878-4							
<i>MCPA (salts &amp; esters of)</i>	USA37							
<i>Mecoprop-P (esters of)</i>	USA36							

### Registration number UK/Eire

MAPP 11563

## 16. OTHER INFORMATION

### Text of R Phrases mentioned in Section 2

R22 - Harmful if swallowed.

R43 - May cause sensitization by skin contact.

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Reason for revision:

None

### Prepared by:

Regulatory Affairs Department.

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**End of Safety Data Sheet**