



# SAFETY DATA SHEET

According to EC Directive 2001/58/EC

Print date: 15-Aug-2005

Revision Number: 0

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

### Identification of the substance or preparation

MSDS Ref. No.: SCSDS430  
Product name: Cleanrun Pro

### Use of the Substance/Preparation

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

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

The product has been classified according to the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3].

### Most important hazards

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 4. FIRST AID MEASURES

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

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<b>Ingestion:</b>	If swallowed, seek medical advice immediately and show this container or label.
<b>Inhalation:</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Skin contact:</b>	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. 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:**

Carbon dioxide (CO<sub>2</sub>), Water spray mist or foam, Dry powder.

**Unsuitable extinguishing media:**

High volume water jet

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

Thermal decomposition can lead to release of irritating gases and vapours

**Special protective equipment for firefighters:**

Use personal protective equipment. Self-contained breathing apparatus and suitable protective clothing.

**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:**

Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

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

Avoid dust formation. Ensure adequate ventilation..

**Safe handling advice:**

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

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

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible products:**

None known.

**Specific use(s):** No information available.

**Verband der Chemischen Industrie (VCI):** Exempt  
**Risk classification according to VbF (Germany)** Exempt

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:** Ensure adequate ventilation.

### Occupational exposure controls

#### Personal protective equipment

<b>Respiratory protection:</b>	Wear respirator with dust filter.
<b>Hand protection:</b>	Protective gloves.
<b>Eye/face protection:</b>	Face-shield.
<b>Skin and body protection:</b>	lightweight protective clothing.
<b>Hygiene measures</b>	Wash hands before stopping and immediately after handling.. When using, do not eat, drink or smoke.

### Exposure limit values

#### *Sand*

Austria - MAKs	4 mg/m <sup>3</sup> MAK
Belgium - 8 Hr VLE	0.1 mg/m <sup>3</sup> VLE
Finland - Occupational Exposure Limits - 8 hour	0.2 mg/m <sup>3</sup> TWA
France INRS (VME)	0.1 mg/m <sup>3</sup> VME
Germany TRGS900:	0.15 mg/m <sup>3</sup> TWA
Netherlands - OEL - MACs:	0.075 mg/m <sup>3</sup> MAC
Norway - 8 Hr:	0.1 mg/m <sup>3</sup> OEL
	0.3 mg/m <sup>3</sup> OEL
Portugal - TWAs	0.05 mg/m <sup>3</sup> TWA
Spain - Valores Limite Ambientales - VLE	0.1 mg/m <sup>3</sup> VLA-ED
Sweden - OEL - 8 Hour	0.1 mg/m <sup>3</sup> LLV
UK EH40 WEL:	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)

#### *MCPA (salts & esters of)*

UK EH40 WEL:	LTEL (8hr TWA) 14mg/m <sup>3</sup> (supplier data)
	STEL (15 min) 28mg/m <sup>3</sup> (supplier data)

#### *Mecoprop-P (esters of)*

UK EH40 WEL:	LTEL (8 hr TWA) 15mg/m <sup>3</sup> (supplier data)
	STEL (15 Min) 30mg/m <sup>3</sup> (supplier data)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Physical State:</b>	Granules
<b>Color:</b>	Light grey
<b>Odor:</b>	slight, Phenoxy

**Important Health Safety and Environmental Information**

**pH:** 4 - 7  
**Flammability (solid, gas):** Non-flammable  
**Solubility:** Partly soluble

**Other information**

**Specific gravity:** 650 - 900g/l

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under recommended storage conditions.  
**Conditions to avoid:** None known.  
**Materials to avoid:** Contact with alkali.  
**Hazardous decomposition products:** Ammonia.

**11. TOXICOLOGICAL INFORMATION****Component information**

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

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

**Product information****Local effects**

**Skin effects:** May cause skin irritation in susceptible persons  
**Eye effects:** No information available.  
**Inhalation:** No information available.  
**Ingestion:** No information available.

**12. ECOLOGICAL INFORMATION**

**Product information****Aquatic toxicity:**

Harmful to aquatic organisms May cause long-term adverse effects in the aquatic environment.

**Component information**

*MCPA (salts & esters of)*

**Ecotoxicity effects** LC50/96h/rainbow trout =232mg/l

*Mecoprop-P (esters of)*

**Ecotoxicity effects** LC50/96h/rainbow trout =150 - 220mg/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 empty containers

**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:**

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

**Risk Combination Phrases**

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

**Registration number UK/Eire**

MAPP: 12083 PCS No: 92260

**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**