



# Material Safety Data Sheet

According to EC Regulation 1907/2006

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Revision Number: 1

Revision date: 01-Sep-2009

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

### Identification of the substance or preparation

MSDS Ref. No.: SCSDS214  
Product name: Evergreen Complete

### Use of the Substance/Preparation

**Recommended use:** For use only as a home garden lawn treatment.

**Company/Undertaking Identification**

- The Scotts Company (UK) Ltd, Salisbury House, Weyside Park, Catteshall Lane, Godalming, Surrey, GU7 1XE, United Kingdom

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

**Email** INFO-MSDS@Scotts.com

## 2. 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.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
MCPA (2-ethylhexyl esters of)	607-052-009	< 1%	607-051-00-3	Xn: R20/21/22
Mecoprop-P (2-ethylhexyl esters of)	607-423-005	< 1%	607-049-00-2	Xn: R22, R43 N:R50-53
Iron sulphate, FeSO <sub>4</sub> ·1H <sub>2</sub> O	7720-78-7	10 - 25%	231-753-5	Xn;R22 R36/38

NE = Non-Established

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

#### 4. FIRST AID MEASURES

<b>General advice:</b>	Contains mecoprop-P (iso-octyl ester). May produce an allergic reaction.
<b>Ingestion:</b>	Do not induce vomiting. Rinse mouth. Obtain medical attention.
<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. 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>). Powder. Water spray mist or foam.

**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:**

Prevent product from entering drains. 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:**

Ensure adequate ventilation. Avoid dust formation.

**Safe handling advice:**

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

**Storage:****Incompatible products:**

No information available

**Specific use(s):**

No information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

Personal protective equipment is not normally required - gloves can be worn for personal hygiene. In case of accidental spillage of bulk product, wear personal protective equipment appropriate to the task (see below).

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

Effective dust mask.

**Hand protection:**

Protective gloves. Nitrile rubber.

**Eye/face protection**

Safety glasses with side shields or goggles.

**Skin and body protection:**

Lightweight protective clothing.

**Hygiene measures**

When using, do not eat, drink or smoke. Wash hands before stopping and immediately after handling.

**Exposure limit values***MCPA (2-ethylhexyl 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 (2-ethylhexyl 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)

*Iron sulphate, FeSO<sub>4</sub>·1H<sub>2</sub>O***Belgium - 8 Hr VLE**

1 mg/m<sup>3</sup>

**Finland - Occupational Exposure Limits - 8 hour**

1 mg/m<sup>3</sup>

**Netherlands - OEL - MACs:**

1 mg/m<sup>3</sup>

**Norway - 8 h:**

0.01 mg/m<sup>3</sup>

**Portugal - TWAs**

1 mg/m<sup>3</sup> TWA

**Spain - Valores Limite Ambientales - VLE**

1 mg/m<sup>3</sup> VLA-ED

**UK EH40 WEL:**

LTEL (8 hr TWA) 1 mg/m<sup>3</sup>

STEL (15 min) 2mg/m<sup>3</sup>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**General Information****Physical State:**

Solid

**Appearance:** Granular  
**Color:** Beige, and, Blue  
**Odor:** Slight

**Important Health Safety and Environmental Information**

**Solubility:** Partly miscible

**Other information**

**Specific gravity:** 900g/l

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under recommended storage conditions.

**Conditions to avoid:** Extremes of temperature and direct sunlight.

**Materials to avoid:** Bases.

**Hazardous decomposition products:** No decomposition if stored normally

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

*MCPA (2-ethylhexyl esters of)*

**LD50/oral/rat =** 900 - 1160mg/kg  
**LD50/dermal/rat =** >4000mg/kg  
**LC50/inhalation/4h/rat =** >6.36mg/l

*Mecoprop-P (2-ethylhexyl esters of)*

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

*Iron sulphate, FeSO<sub>4</sub>·1H<sub>2</sub>O*

**LD50/oral/rat =** 1389 mg/kg

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

**Skin effects:** May cause skin irritation in susceptible persons

**Eye effects:** May cause eye irritation with susceptible persons

**Inhalation:** No information available.

**Ingestion:** No information available.

## 12. ECOLOGICAL INFORMATION

### Product information

**Aquatic toxicity:** Harmful to aquatic organisms

### Component information

*MCPA (2-ethylhexyl esters of)*

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

*Mecoprop-P (2-ethylhexyl esters of)*

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

*Iron sulphate, FeSO<sub>4</sub>+1H<sub>2</sub>O*

**Ecotoxicity effects** EC50/48h/daphnia = >100mg/l  
LC50/96h/rainbow trout = >72.5mg/l (6d)  
EC50/72h/algae = 22mg/l

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** Do not contaminate ponds, waterways or ditches with chemical or used container. Do not empty into drains. For the UK only:.. Dispose of unused product in its container at a household waste site (civic amenity site). Contact your local council (local authority) for details.. Dispose of empty container in the dustbin. For Ireland only:.. This material and its container must be disposed of in a safe way..

**Contaminated packaging:** Do not re-use container for any other purpose and dispose of safely .

## 14. TRANSPORT INFORMATION

### Product information

**Physical State:** Solid

### 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

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**Indication of danger:**

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

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

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

Keep away from children and pets. Wash hands and exposed skin after use / handling. Harmful to fish or other aquatic organisms, do not contaminate ponds or streams. Keep in original container, tightly closed in a safe place. Do not contaminate water with the product or its container.

**Registration number UK/Eire**

MAPP 11565 PCS No: 92292

## 16. OTHER INFORMATION

**Text of R Phrases mentioned in Section 3**

R22 - Harmful if swallowed.

R43 - May cause sensitization by skin contact.

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

R36/38 - Irritating to eyes and skin.

R50/53 - Very 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

**Prepared by:**

Regulatory Affairs Department.

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**End of Safety Data Sheet**