



# 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.: SCSDS277  
Product name: Verdone Extra

### Use of the Substance/Preparation

Recommended use: For use only as a home garden weedkiller.

Company/Undertaking  
Identification  
Emergency telephone number: The Scotts Company (UK) Ltd, Salisbury House, Weyside Park, Catteshall Lane, Godalming, Surrey, GU7 1XE, United Kingdom  
++44 (0) 1865 407333

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Fluroxypyr	81406-37-3	10 - 25%	279-752-9	N;R50/53
MCPA (ISO)	94-74-6	> 25%	607-051-00-3	Xi;R38-41 Xn;R22
Clopyralid	1702-17-6	5 - 10%	607-231-00-1	N;R51/53 Xi;R41

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

## 3. HAZARDS IDENTIFICATION

### Classification

N - Dangerous for the environment

### Most important hazards

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

## 4. FIRST AID MEASURES

General advice: If you feel unwell, seek medical advice (show the label where possible).

<b>Ingestion:</b>	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.
<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. Remove and wash contaminated clothing before re-use. If skin irritation persists, 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, 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:**

Soak up with inert absorbent material. Shovel into suitable container 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.

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

Store in original container. Keep tightly closed in a dry and cool place. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs. Protect from extremes of temperature.

**Incompatible products:** None known.

**Specific use(s):** Weedkiller.

## 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

<b>Respiratory protection:</b>	Suitable respiratory equipment:
<b>Hand protection:</b>	Protective gloves. Nitrile rubber.
<b>Eye/face protection:</b>	Safety glasses with side-shields.
<b>Skin protection:</b>	Lightweight protective clothing.
<b>Hygiene measures</b>	When using, do not eat, drink or smoke. Wash hands before stopping and immediately after handling..

### Exposure limit values

**Environmental exposure controls** There are no Occupational Exposure Limits available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Physical State:</b>	Liquid
<b>Color:</b>	Brown
<b>Odor:</b>	No information available

### Important Health Safety and Environmental Information

<b>pH:</b>	7.29
<b>Flammability (solid, gas):</b>	Non-flammable
<b>Solubility:</b>	Miscible

### Other information

<b>Specific gravity:</b>	1.027
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## 10. STABILITY AND REACTIVITY

**Stability:** Stable at normal conditions

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

**Materials to avoid:** Strong oxidising agents. Strong acids and strong bases.

**Hazardous decomposition products:** Thermal decomposition can lead to release of irritating gases and vapours.

## 11. TOXICOLOGICAL INFORMATION

### Component information

#### Product information

**LD50/dermal/rat** >2000mg/kg Estimated, based on a similar formulation  
**LD50/oral/rat =** >2000mg/kg Estimated, based on a similar formulation

#### Local effects

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

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

**Inhalation:** Not irritating.

**Ingestion:** Not irritating.

## 12. ECOLOGICAL INFORMATION

### Product information

#### Component information

*Fluroxypyr*  
**Ecotoxicity:** No information available

*MCPA (ISO)*  
**Ecotoxicity:** No information available

*Clopyralid*  
**Ecotoxicity:** No information available

## 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:** Liquid

### ADR/RID

**UN-No:** 3082  
**Packing group:** III  
**Proper shipping name:** Environmentally Hazardous Substance Liquid N.O.S.(Fluroxypyr 10.7g/l).  
**Hazard Class:** 9

### IATA

**UN-No:** 3082  
**Proper shipping name:** Environmentally Hazardous Substance Liquid N.O.S.(Fluroxypyr 10.7g/l)  
**Packing group:** III  
**Hazard Class:** 9

### IMO / IMDG

**UN-No:** 3082  
**Proper shipping name:** Environmentally Hazardous Substance Liquid N.O.S.(Fluroxypyr 10.7g/l)  
**Packing group:** III  
**Hazard Class:** 9

## 15. REGULATORY INFORMATION

### Indication of danger:

N - Dangerous for the environment.

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



### Risk Combination Phrases

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Keep off skin. Wash hands and exposed skin after use. Do not breathe spray. Do not contaminate ponds, waterways or ditches with chemical or used container. Keep away from children and pets. 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>Fluroxypyr</i>	279-752-9							
<i>MCPA (ISO)</i>	607-051-00-3					Present		

<i>Clopyralid</i>	607-231-00- 1							
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**Registration number UK/Eire**

MAPP 10635

**16. OTHER INFORMATION****Text of R Phrases mentioned in Section 2**

R22 - Harmful if swallowed.

R38 - Irritating to skin.

R41 - Risk of serious damage to eyes.

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

R51/53 - 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**