



SAFETY DATA SHEET

According to EC Directive 2001/58/EC

Print date: 25-Jul-2006

Revision Number: 0

Revision date:

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

Identification of the substance or preparation

MSDS Ref. No.: SCSDS373
Product name: Verdone Extra Ready to Use

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
Clopyralid	1702-17-6	< 1%	607-231-00-1	N;R51/53 Xi;R41
Fluroxypyr	81406-37-3	< 1%	279-752-9	N;R50/53
MCPA (ISO)	94-74-6	1 - 5%	607-051-00-3	Xi;R38-41 Xn;R22

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

3. HAZARDS IDENTIFICATION

Classification

The product is non-dangerous in accordance with Directive 1999/45/EC

Most important hazards

Harmful to aquatic organisms.

4. FIRST AID MEASURES

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4. FIRST AID MEASURES

General advice:	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Ingestion:	If swallowed, seek medical advice immediately and show this container or label.
Inhalation:	Move to fresh air. If symptoms persist, call a physician.
Skin contact:	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.
Eye contact:	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. carbon dioxide (CO₂). 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 let product enter 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:

Soak up with inert absorbent material. 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. When using 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. Keep away from children and pets. . Keep away from food, drink and animal feeding stuffs. Protect from extremes of temperature.
Incompatible products:	No information available
Specific use(s):	No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	Ensure adequate ventilation. 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).
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Occupational exposure controls

Personal protective equipment

Respiratory protection:	Respirator with FFP3 filter.
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

<u>Environmental exposure controls</u>	There are no Occupational Exposure Limits available.
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9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:	Liquid
Color:	Brown
Odor:	No information available

Important Health Safety and Environmental Information

Flammability (solid, gas):	Non-flammable
Solubility:	Miscible

Other information

Specific gravity:	1.0
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10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage 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. Hydrogen Cyanide. Carbon monoxide. Nitrogen oxides (NOx). Hydrogen fluoride.

11. TOXICOLOGICAL INFORMATION

Component information

MCPA (ISO)
LD50/oral/rat = 900 - 1160mg/kg

Product information

LD50/dermal/rat >2000mg/kg
LD50/oral/rat = >2000mg/kg

Local effects

Skin effects:	Non-irritating to the skin.
Eye effects:	May cause minor irritation.
Inhalation:	No information available.
Ingestion:	No information available.

12. ECOLOGICAL INFORMATION

Product information

Aquatic toxicity:
Harmful to aquatic organisms

Component information

13. DISPOSAL CONSIDERATIONS

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Do not contaminate ponds, waterways or ditches with chemical or used container.. Dispose of empty container in the dustbin. Dispose of unused product in its container at a household waste site (civic amenity site). Contact your local council (local authority) for details..
Contaminated packaging:	Do not re-use empty containers.

14. TRANSPORT INFORMATION**Product information**

Physical State: Liquid

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:**

None.

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

Keep away from children and pets. Keep off skin. Do not breathe spray. Wash off splashes (immediately). Wash hands and exposed skin after use / handling. Do not empty into drains Harmful to fish or other aquatic organisms, do not contaminate ponds or streams. Keep in original container, tightly closed in a safe place. Dispose of empty container in the dustbin Dispose of unused product in its container at a household waste site (civic amenity site). Contact your local council (local authority) for details.

Registration number UK/Eire

MAPP 11758

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

16. OTHER INFORMATION

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:

*** 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