



Material Safety Data Sheet

According to EC Regulation 1907/2006

Print date: 30-Sep-2009

Revision Number: 0

Revision date:

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

Identification of the substance or preparation

MSDS Ref. No.: 017794
 Product name: Weedol Rootkill Plus
 Product code: UKS 042B

Use of the Substance/Preparation

Recommended use: Herbicide.

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

N - Dangerous for the environment

Most important hazards

Toxic 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
Glyphosate (in the form of isopropylamine salt)	38641-94-0	10 - 25%	NE	N;R51/53
Pyraflufen-ethyl	129630-19-9	< 1%	NE	N;R50/53
Proxel GXL	No CAS No	< 1%	NE	C;R34 R22 R43 N;R50

Revision date:

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NE = Non-Established

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

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:	Rinse mouth. If symptoms persist, call a physician.
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. If symptoms persist, call a physician.
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:

Coordinate fire extinguishing measures to fire in surrounding area

Unsuitable extinguishing media:

High volume water jet

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

Danger of toxic gases in smoke in case of fire

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:

Avoid contact with skin and eyes. Use personal protective equipment.

Environmental precautions:

Prevent further leakage or spillage. Prevent product from entering drains. Do not contaminate water. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up:

Soak up with inert absorbent material. Take up mechanically and collect in 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. Do not breathe vapours or spray mist. Wash off splashes (immediately). Wash hands and exposed skin after use / handling. When using, do not eat, drink or smoke.

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

Keep out of reach of children. Store in original container. Keep container tightly closed. Keep in a dry, cool place. Protect from extreme temperatures.

Incompatible products:

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:**

Respirator with FFP3 filter.

Hand protection:

Chemical resistant gloves.

Eye/face protection

Safety glasses.

Skin and body protection:

Lightweight protective clothing.

Hygiene measures

General industrial hygiene practice. Wash hands and exposed skin after use / handling.

Exposure limit values**Environmental exposure controls**

There are no Occupational Exposure Limits available.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:	Liquid
Appearance:	Viscous
Color:	Off-white, yellowish
Odor:	Slight

Important Health Safety and Environmental Information**Other information**

pH: 4.76 (1 % solution in water.)

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Protect from extremes of temperature.
Materials to avoid:	No information available
Hazardous decomposition products:	No decomposition if stored normally

11. TOXICOLOGICAL INFORMATION

Component information

Glyphosate (in the form of isopropylamine salt)

LD50/oral/rat =	>5,000mg/kg body weight (limit test)
LD50/dermal/rabbit =	>5,000mg/kg body weight (limit test)

Pyraflufen-ethyl

LD50/oral/rat =	> 5000 mg/kg
LC50/inhalation/8h/rat =	> 5.03 mg/L
LD50/dermal/rat =	> 2000 mg/kg

Proxel GXL

LD50/oral/rat =	2175mg/kg (male rats)
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Product information

Local effects

Skin effects:	No information available.
Eye effects:	No information available.
Inhalation:	No information available.
Ingestion:	No information available.

12. ECOLOGICAL INFORMATION

Product information

Aquatic toxicity:	Toxic to aquatic organisms May cause long-term adverse effects in the aquatic environment
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Component information

Glyphosate (in the form of isopropylamine salt)

Revision date:

Ecotoxicity effects

EC50/48h/daphnia = 930mg/l (static)
 LC50/96h/rainbow trout = >1,000mg/l (static)
 EC50/72h/algae = 72.9mg/l

*Proxel GXL***Ecotoxicity effects**

LC50/96h/rainbow trout =7mg/l

Ecotoxicity effects

EC50/72h/algae = 0.37mg/l

13. DISPOSAL CONSIDERATIONS**Waste Disposal Methods:**

Do not contaminate ponds, waterways or ditches with chemical or used container. Do not empty into drains. This material and its container must be disposed of in a safe way.. For the UK only:.. 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:

Dispose of in accordance with local regulations and national regulations.

14. TRANSPORT INFORMATION**Product information****Physical State:**

Liquid

ADR/RID**UN-No:**

3082

Proper shipping name:

Environmentally Hazardous Substance Liquid
 N.O.S.(Glyphosate, pyraflufen-ethyl)

Hazard Class:

9

Packing group:

III

IATA**UN-No:**

3082

Proper shipping name:

Environmentally Hazardous Substance Liquid
 N.O.S.(Glyphosate, pyraflufen-ethyl)

Hazard Class:

9

Packing group:

III

IMO / IMDG**UN-No:**

3082

Proper shipping name:

Environmentally Hazardous Substance Liquid
 N.O.S.(Glyphosate, pyraflufen-ethyl)

Hazard Class:

9

Packing group:

III

15. REGULATORY INFORMATION**Indication of danger:**

N - Dangerous for the environment.

15. REGULATORY INFORMATION

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

S -phrase(s)

S 2 - Keep out of the reach of children.

S24 - Avoid contact with skin.

S29 - Do not empty into drains.

Do not contaminate water with the product or its container. Keep in original container, tightly closed in a safe place.

Registration number UK/Eire

MAPP 14553

PCS No: 02464

16. OTHER INFORMATION**Text of R Phrases mentioned in Section 3**

R22 - Harmful if swallowed.

R34 - Causes burns.

R43 - May cause sensitization by skin contact.

R50 - Very toxic to aquatic organisms.

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