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.: **017787**
Product name: **Weedol Gun! Rootkill Plus**
Product code: UKS 046B
GIFAP Code: AL any other liquids to be applied undiluted

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

The product is classified and labelled in accordance with Directive 2006/8/EC.

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
Glyphosate (in the form of isopropylamine salt)	38641-94-0	< 1%	NE	N;R51/53
Pyraflufen-ethyl	129630-19-9	< 1%	NE	N;R50/53

Components	CAS-No	Weight %	EC-No.	Classification
Proxel GXL	No CAS No	< 1%	NE	C;R34 R22 R43 N;R50

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: Rinse with 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:
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:
does not flash . Danger of toxic gases in smoke in case of fire. carbon and nitrogen oxides. hydrogen fluoride .

Special protective equipment for firefighters:
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:
Avoid contact with skin and eyes. 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. 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. 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 tightly closed in a dry and 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: No information available

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. When using, do not eat, drink or smoke.

Exposure limit values

Environmental exposure controls There are no Occupational Exposure Limits available.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

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

Important Health Safety and Environmental Information

Flash point: > 100 (°C)

Other information

pH: 4.1
Viscosity: 37 cp

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Conditions to avoid: None known.

Materials to avoid: None known.

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)

Product information

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

Local effects

Skin effects: No information available.

Eye effects: No information available.

Inhalation: No information available.

Ingestion: No information available.

Information given is based on data on the components and the toxicology of similar products
Treatment None specific antidote known, symptomatic treatment.

12. ECOLOGICAL INFORMATION

Product information

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

LC50/96h/rainbow trout = > 100 mg/L .
LC50/48h/daphnia = > 100 mg/L.
EC50/72h/algae = 68.1 mg/L.

Component information

Glyphosate (in the form of isopropylamine salt)
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

Do not treat near to a watering place.

Information given is based on data on the components and the toxicology of similar products

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Do not empty into drains. 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 container for any other purpose and dispose of safely .

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:
To avoid risks to man and the environment, comply with the instructions for use.
The product is classified and labelled in accordance with Directive 2006/8/EC.

R52/53 - Harmful 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.
S13 - Keep away from food, drink and animal feedingstuffs.
S29 - Do not empty into drains.
S20/21 - When using, do not eat, drink or smoke.

ICPE (FR): Classified installation : article 1155
Registration number UK/Eire
MAPP: 14554
PCS No: 02465

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.
R50/53 - 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