



Safety Data Sheet

According to EC Directive 2001/58/EC

Print date: 18-Mar-2005

Revision Number: 1

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

Identification of the substance or preparation

MSDS Ref. No.: SCSDS376
Product name: Tumbleweed Pro-Active

Use of the Substance/Preparation

Recommended use: Herbicide.

Company/Undertaking Identification
Scotts UK Professional, Paper Mill Lane, Bramford, Ipswich, Suffolk IP8 4BZ United Kingdom
Emergency telephone number: ++44 (0) 1865 407333

2. 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	> 25%	RM1000449	N;R51/53
Surfactant	sur 3038	10 - 25%	RM1000516	Xi;R36

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

None

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: Drink water as a precaution. Do not induce vomiting. If symptoms persist, call a physician.

Inhalation:	Move person to fresh air. If symptoms persist, call a physician.
Skin contact:	Wash off immediately with 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. If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water spray mist or foam, Dry chemical, Carbon dioxide (CO₂).

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. When using do not smoke. Wash hands and exposed skin after use / handling.. Remove and wash contaminated clothing before re-use.

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

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

Incompatible products: None known.
Specific use(s): No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: Ensure adequate ventilation.

Occupational exposure controls

Personal protective equipment

Respiratory protection: Suitable respiratory equipment:
Hand protection: Protective gloves. Nitrile rubber.
Eye/face protection: Face-shield.
Skin protection: Wear suitable protective clothing.
Hygiene measures When using, do not eat, drink or smoke. Wash hands before stopping and immediately after handling.. Remove and wash contaminated clothing before re-use.

Exposure limit values

Environmental exposure controls There are no Occupational Exposure Limits available.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State: Liquid
Color: yellowish
Odor: Solvent

Important Health Safety and Environmental Information

pH: 4.6 - 5.2 @64g/l
Flash point: Does not flash
Solubility: Completely miscible

Other information

Specific gravity: 1.2100 @ 20°C / 4°C
Autoignition temperature: >400 (°C)

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.
Conditions to avoid: Do not use metal packaging..
Materials to avoid: Gives off hydrogen by reaction with metals..

Hazardous decomposition products:

Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION**Component information***Glyphosate (in the form of isopropylamine salt)***LD50/oral/rat =** > 5000 mg/kg**LC50/inhalation/8h/rat =** > 1.3 mg/L**Product information****LD50/dermal/rat** >4000mg/kg body weight (limit test)**LD50/oral/rat =** >2000mg/kg body weight (limit test)**Local effects****Skin effects:** Non-irritating to the skin.**Eye effects:** May cause eye irritation with susceptible persons.**Inhalation:** No information available.**Ingestion:** Not irritating.**12. ECOLOGICAL INFORMATION****Product information****Aquatic toxicity:** LC50/96h/rainbow trout = >265mg/L
LC50/48h/daphnia = 105mg/L
EC50/72h/algae = 267mg/L (growth rate)**Component information***Glyphosate (in the form of isopropylamine salt)***Ecotoxicity:** No information available*Surfactant***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. Can be incinerated, when in compliance 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: 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.

Do not breathe spray. Wash hands and exposed skin after use. Keep in original container, tightly closed in a safe place. Keep away from food, drink and animal feeding stuffs. Do not contaminate ponds, waterways or ditches with chemical or used container.

International Inventories

Components	EC-No.	EU - NLPL:	PICCS:	ENCS:	DSL:	TSCA:	CHINA:	AICS:
<i>Glyphosate (in the form of isopropylamine salt)</i>	RM1000449				Present			
<i>Surfactant</i>	RM1000516							

Registration number UK/Eire

MAPP11963

16. OTHER INFORMATION

Text of R Phrases mentioned in Section 2

R36 - Irritating to eyes.

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