

Barrettine

SAFETY DATA SHEET ROOTS OUT WEEDKILLER RTU

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

PRODUCT NO. ROOTS01

APPLICATION Rootsout Weedkiller

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2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No	Content	Classification
Glyphosate	254-056-8	38641-94-0	< 1%	N;R51/53

The full text for all R-Phases are displayed in Section16.

4 FIRST AID MEASURES

GENERAL INFORMATION

Remove to fresh air, remove all heavily contaminated clothing. Always seek medical advice in cases of serious personal contamination.

NOTES TO THE PHYSICIAN

For specialist advice, contact the nearest poisons information centre.

INHALATION

Move injured person to fresh air and seek medical advice.

INGESTION

Wash mouth with water thoroughly. Drink copious amounts of water or milk. Seek medical attention immediately.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Immediately rinse with water. Continue to rinse for at least 15 minutes. Seek medical attention if irritation persists.

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5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with dry inert powder, foam, carbon dioxide or water-spray. Do not use water jet as an extinguisher, as this will spread the fire.

Keep containers cool by spraying with plenty of water. Contain fire fighting water, bunding if necessary with sand or earth.

SPECIAL HAZARDS

Will burn if involved in a fire and toxic fumes may be evolved.

PROTECTIVE MEASURES IN FIRE

Use goggles and a respirator.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear as appropriate, chemical resistant rubber gloves, coated overall, PVC or rubber wellingtons and goggles.

ENVIRONMENTAL PRECAUTIONS

Contain spillage as the situation allows. Do not flush with water. Particular care should be taken to prevent contamination of water (ditches, drains, ponds etc).

SPILL CLEAN UP METHODS

Absorb with pumice, vermiculite, sand or earth. Collect contaminated material and surrounding soil and place in covered, labelled containers (not galvanised or unlined steel) for disposal. Advise local authority if spillage enters drains or Environmental Protection Agency if spillage enters surface or ground waters.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Wear suitable protective clothing, gloves and or eye/face protection. Do not eat, drink or smoke when using the product. Wash out contaminated container thoroughly. Empty washings into tank and dispose of safely.

STORAGE PRECAUTIONS

Store in the original container, tightly closed and in a safe place. Store in a designated chemical store, keep away from food, drink and animal feeding stuffs. Keep out of the reach of children, do not store in galvanised or unlined mild steel containers or tanks, protect from frost.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

RESPIRATORY EQUIPMENT

A respirator may be used only in exceptional circumstances on if advised to wear one.

HAND PROTECTION

PVC gloves are recommended.

EYE PROTECTION

Wear goggles/face shield.

SKIN PROTECTION

Wear lightweight protective clothing to protect from contamination when dealing with the concentrate or spray.

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9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid		
COLOUR	Colourless		
ODOUR	Slight odour chemical		
SOLUBILITY	Miscible with water		
RELATIVE DENSITY	1.002 g/ml	pH-VALUE, CONC, SOLUTION	4.98

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal storage conditions.

CONDITIONS TO AVOID

Keep at temperatures below 40°C and above -15°C

MATERIALS TO AVOID

Galvanised or unlined mild steel containers; store as supplied in HDPE containers.

HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products if stored under recommended conditions.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 – LD 50 >2000 mg/kg (oral rat)

SKIN CONTACT

No sensitising potential to skin.

EYE CONTACT

Non irritating to skin or eyes.

12 ECOLOGICAL INFORMATION

MOBILITY

It is very strongly bound onto soil and it is not leached from soils.

DEGRADABILITY

Half-life in soils is dependent on soil type and conditions, and is approximately 30 days. It is readily degradable in soil.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Bury in approved landfill, or via an approved disposal contractor.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

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15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

16 OTHER INFORMATION

RISK PHRASES IN FULL

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

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.