

PRODUCT TOXICITY KEY FACTS

An up to date Material Safety Data Sheet is available from your distributor or from www.monsanto-ag.co.uk

SUMMARY

Hazard Rating – None

Acute Oral Toxicity:

- World Health Organisation (WHO) toxicity rating – not classified. Glyphosate is practically non-harmful by ingestion.

Acute Dermal Toxicity:

- World Health Organisation (WHO) toxicity rating – not classified. Glyphosate is practically non-harmful by skin absorption.

Acute Inhalation:

No risk in normal use situations.

Sensitisation:

No sensitising potential. I.e. No allergic reaction.

OCCUPATIONAL EXPOSURE STANDARD,(OES)

Roundup ProActive is non-hazardous; there is no OES and no specified need to monitor the health of users of Roundup ProActive herbicide.

CHRONIC TOXICITY: ACTIVE INGREDIENT – GLYPHOSATE

The results of longer term studies which assess the risk of long term low dose exposure show that glyphosate is:

- NOT MUTAGENIC
- NOT CARCINOGENIC
- NOT TERATOGENIC
- NO REPRODUCTIVE EFFECTS
- NOT A CHOLINESTERASE INHIBITOR

PRACTICAL GUIDANCE TO AVOID EXPOSURE

Try not to walk through the spray swath during application or through treated vegetation.

- 1. CODE OF PRACTICE & LABEL DICTATE MINIMUM PERSONAL PROTECTIVE EQUIPMENT,(PPE):WHEN HANDLING THE CONCENTRATE AND SPRAYING USING CONVENTIONAL SPRAYERS, USING ROTARY ATOMISERS, WEEDWIPERS, SPOT GUNS & MAKING CUT STUMP APPLICATIONS OR USING STEM INJECTION EQUIPMENT.**

Suitable protective coverall (e.g. Tyvek disposable overall)

Suitable protective gloves: e.g.Rubber or nitrile.(0.5mm thick EN374).

Wellingtons or water repellent boots complying with BS EN ISO 20345:2004

DISPOSAL OF PESTICIDE WASTE

STORAGE OF UNUSED CONCENTRATE

Unused product should be stored only in the original container. It will keep for several years in a suitable chemical store. Always rotate stock and use the oldest first.

UNUSED DILUTED SPRAY

Ideally plan not to have any left over, or use later in making the next batch of diluted spray.

Once diluted the active ingredient will start to break down and lose activity within a few days.

Surplus spray should be sprayed out onto an untreated area where it will have a beneficial herbicidal effect, but not on hard surfaces like Tarmac™ or concrete where run-off to drains can occur.

EMPTY CONTAINERS

Empty cans of Roundup ProActive should be triple rinsed and stored safely until transferred to someone authorised to handle waste. More detailed sheet on disposal available from the Technical Hotline on 01954 717575

IN CASE OF SPILL OR ACCIDENT

- First Aid: Skin: Wash with water
- Contaminated clothing: Remove and wash before reuse.
- Eye contact: Rinse with plenty of potable water/sterile eye wash solution.

Wearing gloves and a coverall, surround the area with sufficient absorbent, non-combustible material such as sand bags to prevent entry into drains. Then sweep or shovel into suitable Aluminium, plastic, plastic-lined steel, stainless steel or fibreglass containers, label and seal. Containers should be collected by an appropriately authorised /licensed specialist waste disposal operator.

USE HERBICIDES SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE

For more information telephone the Technical Helpline (01954) 717575
e-mail technical.helpline.uk@monsanto.com
website at www.monsanto-ag.co.uk
Roundup ProBio contains glyphosate.
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