



COSHH Risk Assessment No: HCA202501



Product Name: Roundup® Biactive

Company name:
Anston Pest Control Ltd

Dept. (if applicable): 16-06-2022

Describe the activity or work process.
(Inc. how long/ how often this is carried out and quantity substance used)

FOR USE ONLY AS AN AGRICULTURAL / HORTICULTURAL / AQUATIC HERBICIDE.
Knapsack Sprayers
Recommended delivery range is 80 - 250 l/ha. Half fill the spray tank with clean water, add the correct amount of Roundup Biactive GL and top up with water. When used at a walking speed of 1 metre/second to apply a swath of 1 metre width, most knapsack sprayers fitted with a Hypro AN 2.0 or similar nozzle deliver approximately 200 l/ha spray volume (or 10 l per 500 m²). To apply 3.0 l/ha of Roundup Biactive GL, therefore, use a 1.5% solution, i.e. 150ml Roundup Biactive GL made up to 10 litres. Similarly, knapsack sprayers fitted with low volume nozzles such as Hypro AN 1.0 typically deliver approximately 100 l/ha spray volume. To apply 3.0 l/ha Roundup Biactive GL in this case use 3.0% solution.

Location of process being carried out?

For use over Natural surfaces not intended to bear vegetation, permeable surfaces overlaying soil, hard surfaces
5.0 litres/hectare

Identify the persons at risk:

Employees Sub-contractors Public

Name the substance involved in the process and its manufacturer.
(A copy of a current safety data sheet is attached to this assessment)

MONSANTO Europe
Roundup® Biactive
This product contains a soluble concentrate containing 360 g/l glyphosate, present as 441 g/l (35% ww) of the potassium salt of glyphosate

Classification (state the category of danger)

	<input type="checkbox"/> Toxic		<input type="checkbox"/> Oxidising		<input type="checkbox"/> Gas Under Pressure
	<input type="checkbox"/> Harmful/ Irritant		<input type="checkbox"/> Flammable		<input type="checkbox"/> Carcinogen
	<input type="checkbox"/> Corrosive		<input type="checkbox"/> Explosives		<input checked="" type="checkbox"/> Dangerous for the environment

Hazard Type

Gas Vapour Mist Fume Dust Liquid Solid Other (State)

Route of Exposure

Inhalation Skin Eyes Ingestion Other (State)

Workplace Exposure Limits (WELs) please indicate n/a where not applicable

TWA = Time Weighted Average

State the Risks to Health from Identified Hazards

Aspiration hazard May be fatal if swallowed and enters airways. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

Inhalation Vapours inhaled in strong concentrations have a narcotic effect on the central nervous system. Irritation of the respiratory tract due to excessive fume. Causes headache, drowsiness or other effects to the central nervous system, loss of consciousness.

Ingestion Symptoms: Nausea, vomiting, abdominal pain. Harmful: If swallowed accidentally, the product may enter the lungs due to its low viscosity and lead to the rapid development of very serious inhalation pulmonary lesions (medical survey during 48 hours).

Skin contact Prolonged or repeated contact may dry skin and cause irritation. Frequent or prolonged skin contact destroys the lipacid cutaneous layer and may cause dermatitis

Control Measures:

In case of Fire use : Recommended: Water, foam, dry chemical, carbon dioxide (CO2)

A period without rain of at least 6 hours and preferably 24 hours must follow application of Roundup Biactive GL.

Do not spray onto weeds which are naturally senescent, or where growth is impaired by drought, high temperatures, a covering of dust, flooding or frost at, or immediately after application, otherwise poor control may result.

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Do not spray in windy conditions as drift onto desired crops or vegetation can severely damage or destroy them.

Do not tank-mix Roundup Biactive GL with adjuvants, pesticides or fertilisers, except as specified in the Compatibility section.

After application, large concentrations of decaying foliage, stolons, roots or rhizomes should be dispersed or buried by thorough cultivation before crop drilling.

Applications of lime, fertiliser, farmyard manure and pesticides should be delayed until 5 days after application of Roundup Biactive GL.

Keep stock out of treated areas for at least 5 days.









TREATED POISONOUS PLANT SPECIES MUST BE REMOVED BEFORE REGRAZING OR CONSERVING. Where Ragwort is present users should consult the Code of Practice on How to Prevent the Spread of Ragwort. Ragwort plants sprayed with this herbicide are more palatable and contain higher levels of toxins. Animals should be excluded from treated areas until any Ragwort has completely recovered or died and there is no visible sign of the dead weed. Do not include treated Ragwort in hay or silage crops.

Is health surveillance or monitoring required?

Yes

No

Personal Protective Equipment (state type and standard)

 <input type="checkbox"/>		 <input type="checkbox"/>	Suitable for chemical splashes
Dust mask		Visor	
 <input type="checkbox"/>		 <input checked="" type="checkbox"/>	
Respirator		Goggles	
 <input checked="" type="checkbox"/>	Chemical Protection Glove - EN 374	 <input checked="" type="checkbox"/>	EN 13034:2005 (Type 6)
Gloves		Overalls	
 <input type="checkbox"/>		 <input type="checkbox"/>	
Footwear		Other	

First Aid Measures

Eye contact
Immediately flush with plenty of water. If easy to do, remove contact lenses.

Skin contact
Take off contaminated clothing, wristwatch, jewellery. Wash affected skin with plenty of water. Wash clothes and clean shoes before re-use.

Inhalation

Remove to fresh air.

. Ingestion

Immediately offer water to drink. Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed by medical personnel. If symptoms occur, get medical attention.

Storage

Store in tightly-closed, original container in a dry, cool and well-ventilated place

Disposal of Substances & Contaminated Containers

Hazardous Waste Skip Return to Depot Return to Supplier Other

(If Other Please State):Cloths used should go in a fire proof tin and disposed of,

Is exposure adequately controlled?

Yes

No

Risk Rating Following Control Measures

High

Medium

Low

Assessed by: M Starr

Date:01/01/25

Review Date: 01/01/26