

MATERIAL SAFETY DATA SHEET

1.IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY

Product name: ROOTBLAST PRO (MAPP 20236)

Use: Herbicide.

Formulation: Suspension Liquid

Supplier: Sipcam Home & Garden Ltd, 4c Archway House, Melbourn Street, Royston SG8 7BX.

Emergency No: 01763 212100 or NHS 111

2. HAZARDS IDENTIFICATION

Classification of mixture according to Regulation (EC) 01272/2008 :

Not classified

Additional information For the wording of precautionary phrases refer to section 15.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	CAS/EINECS	Hazard Statements	%w/w
Glyphosate acid	1071-83-6/213-997-4	☠ Eye Dam. 1, H318; ☠ Aquatic H411	36%

Additional information For the wording of the listed hazard phrases refer to section 16.

4. FIRST AID MEASURES

General information:

Show this safety data sheet to the doctor.

Remove any clothing soiled by the product.

After inhalation:

Supply fresh air or oxygen; call for doctor.

If breathing is irregular or stopped, administer artificial respiration.

After skin contact:

If on skin: Wash with plenty of soap and water.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult doctor.

After swallowing:

If swallowed, Get immediate medical advice and show this label or container.

Information for doctor:

No further relevant information available.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents

CO₂, extinguishing powder or alcohol resistant foam.

Do not use water jet as this will spread the fire.

Special hazards arising from the substance or mixture

None known.

Protective equipment:

Put on self-contained breathing apparatus.

Do not inhale explosion or combustion gases.

Additional Information:

Cool endangered containers with water spray, Keep upwind.

Dispose of fire debris and contaminated water in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

For personal protection, see section 8. Keep unprotected people away.

Environmental precautions:

Inform respective authorities in case product reaches water or sewage system.

Do not allow to enter drainage system, surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid binding material (sand, diatomite, acid binder, universal binder, sawdust).

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

Reference to other sections:

See Section 7 for safe handling, 8 for personal protection equipment, 13 for disposal information

7. HANDLING AND STORAGE**Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols, work only in fume cupboard.

Information about protection against explosions and fires:

Keep ignition sources away. Do not smoke. The product is not flammable.

Conditions for safe storage, including any incompatibilities**Storage: Requirements to be met by storerooms and containers:**

Keep container tightly sealed. Store in cool, dry place. Store only in original container.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Store under dry conditions. Protect from frost. Protect from heat and direct sunlight.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace: No data

The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

Personal protective equipment

The usual precautionary measures should be adhered to general rules for handling chemicals.

Avoid contact with the eyes and skin. Do not eat, drink or smoke while working.

Keep away from foodstuffs, beverages and food. Take off immediately all contaminated clothing

Wash hands during breaks and at the end of the work.

Keep out of reach of children.

Keep children and pets away from treated areas until spray has dried.

Breathing equipment:

Breathing protection is recommended. Recommended filter device: Filter P1

Protection of hands:

Protective gloves (rubber)

Eye protection:

N/A

Body protection:

N/A

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance:**

Odour: Characteristic

Danger of explosion:

Product is not explosive.

Form: Liquid

Boiling point or range:

Not determined

Density: 1.155-1.175 g/cm³

Colour: Yellow-orange

Solubility / Miscibility (water):

Miscible with water

pH-value at 20°C: 4.5-5.5

10. REACTIVITY AND STABILITY**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications

Possibility of hazardous reactions: No information available.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Does not decompose when used and stored as recommended.

11. TOXICOLOGICAL INFORMATION		
LD/LC50 values that are relevant for classification (from higher concentration product):		
Formulated product	Oral LD50 : 5000 mg/kg (rat)	Dermal LD50 : >5000 mg/kg (rat)
Active substance	Inhalation LC50/4 h > 5.7 mg/l (rat)	
Skin Irritation: No irritant effect. Eye Irritation : Not irritant.		
Sensitisation: No sensitization effect known.		
12.ECOLOGICAL INFORMATION		
Aquatic toxicity (from higher concentration product):		
Fish LC50: >100 mg/l	Daphnia LC50: >100 mg/l	Algae EC50: >100 mg/l
Other toxicity (active substance):		
Bird LC50: >3851 mg/kg	Bee LD50: >100µg/bee	
Persistence and degradability: Not persistent in water, moderately persistent in soil.		
Bioaccumulative potential : Does not bioaccumulate.		
Mobility in soil: Strongly absorbs to soil		
Notes: Avoid release to the environment		
Do not allow product to reach groundwater, water bodies or sewage system.		
This product does not contain any substances classified as PBT or vPvB		
13. DISPOSAL		
Waste or used preparation: Dispose of unused product in its container at a household waste site.		
Contact your local council (local authority).		
Disposal of packaging: Dispose of empty container in a dustbin		
14. TRANSPORT		
For information only		
Not regulated for transport		
15. REGULATORY INFORMATION		
Designation according to EC guidelines:		
The product has been classified and labelled in accordance with EC Directives		
Hazard-determining components of labelling: Glyphosate		
Precautionary (P) phrases:		
102	Keep out of reach of children.	
261	Avoid breathing spray.	
301+312	If swallowed, seek medical advice and show this container or label.	
302+352:	If on skin: Wash with plenty of water.	
273	Avoid release to the environment.	
501	Dispose of contents/container to a licensed waste disposal contractor or collection site	
16. OTHER INFORMATION		
H Phrases referenced in section 3:		
H318	Causes serious eye damage.	
H411	Toxic to aquatic life with long lasting effects.	
Prepared by Sipcam Home & Garden Ltd to the best of our current knowledge and information:		
No responsibility is accepted that the information will be sufficient or correct in all cases.		
Created: 4 th April 2023		
Issue 1		
Revision date: 4 th April 2025		