



SAFETY DATA SHEET

BAMMER

Date of Issue: 06th November 2019

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Glufosinate-ammonium
Carfentrazone-ethyl
Recommended use: Herbicide

Supplier: UPL New Zealand Limited
PO Box 51584, Pakuranga
Auckland
Phone 0800 100 325

Emergency telephone number: 0800 CHEM CALL (0800 243 622) 24 Hours

2. HAZARDS IDENTIFICATION

Hazard Classification: 6.1E, 6.8B, 6.9A, 8.3A, 9.1C, 9.2A, 9.3C

Required identification Details:

Signal Word: WARNING
Keep out of reach of Children.
Read label before use.

May be harmful if swallowed.
Causes serious eye damage.
Suspected of damaging fertility or the unborn child.
May cause liver damage from repeated oral exposure at high doses.
Harmful to aquatic life with long-lasting effects.
Very toxic to the soil environment.
Harmful to terrestrial vertebrates

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Glufosinate-ammonium	77182-82-2	15.0
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	3.0 – 15.0%

4. FIRST-AID MEASURES

Description of necessary first aid measures:

Effects and symptoms

First-aid measures

Inhalation:	Move person to fresh air. If person is not breathing, call 111 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.
Ingestion:	Have victim sip a glass of water if able to swallow. Call a poison control centre or doctor for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.
Skin contact:	Remove contaminated clothing. Wash skin with plenty of soap and water. Get medical attention if irritation persists.
Eye contact:	Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention.
Notes to a physician:	No specific antidote known. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media:	Water spray or fog. Foam. Carbon dioxide. Dry powder.
Hazardous thermal (de)composition products:	Carbon monoxide, carbon dioxide, nitrogen oxides and sulphur oxides.
HAZCHEM Code:	2X
Protection of fire-fighters:	Wear full protective clothing and self-contained breathing apparatus. Do not breathe smoke or gases.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear protective clothing and personal protective equipment as described in section 8. Keep unprotected persons and animals out of the area.
Environmental precautions:	Keep material out of lakes, streams, ponds and sewer drains.
Methods for cleaning up:	<p>Dike to confine spill and absorb with inert absorbent materials such as clay, sand or soil. Shovel or pump waste into a drum and label contents for disposal.</p> <p>Do not touch or walk through spilled material. Wear the protective equipment recommended above. Stop leak when safe to do so. Dike area and prevent entry into waterways, and drains.</p> <p>Small spills/leaks: Absorb with material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal.</p> <p>Large spills/leaks: dike the area of large spills and report them to 0800 CHEMCALL.</p>

7. HANDLING AND STORAGE

Handling:	Good standards of hygiene should be maintained at all times. See Section 8 for personal protection measures. Wash hands and other contact areas before eating, drinking, smoking, at end of shift or using restroom.
Storage:	Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs. Keep out of direct sunlight. Storage must be generally in accordance with

NZS8409 Management of Agrichemicals. See the HAZNOTE for further information.

Packaging materials:

HDPE Plastic – 1, 10, 20 Litres.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Exposure Standards:

WES values exist for the following components:

1,2,3-Propanetriol
Sodium hydroxide
Pentanedial (glutaraldehyde)

Engineering measures

Exposure control measures:

Use appropriate ventilation to maintain good air quality. Have eye wash available.

Personal Protective Equipment

Detail specifications for equipment:

Respiratory system:

None required if airborne concentrations are limited.

Skin and body:

When mixing or applying, wear protective clothing..

Hands:

Use gloves chemically resistant (e.g. nitrile or neoprene) when prolonged or frequently repeated contact could occur.

Eyes:

Wear safety glasses or chemical safety goggles; use face shield if splashing is possible e.g. when pouring large amounts.

General hygiene:

Follow accepted work practices for handling chemicals. Do not eat, drink or smoke in areas where this product is used or stored. Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Colour, Odour.

Clear amber liquid.

pH:

4.8 – 5.8

Vapour Pressure:

Not available.

Boiling Point:

Not available.

Freezing/melting point:

Not available.

Solubility:

Not available.

Density:

1.053.

Information for flammable material:

Not available.

Viscosity:

Not available.

Octanol/water partition coefficient:

Not available.

Other Data:

10. STABILITY AND REACTIVITY

Stability:

Stable under standard conditions.

Conditions to avoid:

None known.

Materials to avoid:

Oxidizing agents, acids and alkali.

Hazardous Decomposition

Ammonia, carbon dioxide, nitrogen oxides, oxides of phosphorous and sulphur oxides.

Products:

Hazardous polymerization:

Not known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral:	LD ₅₀ >2000 mg/kg
Acute toxicity - Dermal:	LD ₅₀ >2000mg/kg
Acute toxicity – Inhalation:	Not established
Skin irritation:	Irritating
Eye irritation:	Irritating
Sensitization:	Not classified
Chronic toxicity	
Carcinogenicity:	Not classified
Mutagenicity:	Not mutagenic
Reproduction toxicity:	May be toxic to reproduction or fertility.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Harmful to aquatic life.
Very toxic to the soil environment.
Harmful to terrestrial vertebrates.

Degradability: Not determined

Mobility: Not determined

Bioaccumulation: Not bioaccumulative

13. DISPOSAL CONSIDERATIONS

Methods of disposal:

Triple rinse container and add recycle through the Agrecovery Programme. If this is not possible, bury in landfill.



Empty container precautions: Avoid contamination of any water supply with chemical or empty container.

14. TRANSPORT INFORMATION - International transport regulations

UN number: Not a Dangerous Good

Class or Division:

Subsidiary Class:

Packing Group:

Marine Pollutant:

Proper shipping name:

**INTERNATIONAL AIR
TRANSPORT ASSOCIATION
(IATA):**

15. REGULATORY INFORMATION

ACVM Registered Number:	Currently being assessed
HSNO Approval Code:	HSR101379

16. OTHER INFORMATION

Additional information:

Original Issue Date: 2017
Revision Date: 06.11.2019
Replaces: ES454

Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

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