

GP Flupropanate Granular Herbicide

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Name: GP Flupropanate Granular Herbicide
Supplier: Granular Products Pty Ltd
ACN: 110 555 952
Street Address: 13 Green Lane
Orange, NSW 2800
Telephone: 0407 259 300

Recommended Use: GP Flupropanate Granular Herbicide as a component of integrated control of Serrated Tussock and certain other grass weeds in pastures and non-crop situations.

2. HAZARD IDENTIFICATION

Classified as non-hazardous in accordance with NOHSC Approved Criteria for Classifying Hazardous Substances (NOHSC, 2004).

Not a dangerous good for transport by the criteria of the Australian Dangerous Goods Code 6th edition (ADG6).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Granule

Ingredients Name CAS Proportion

flupropanate	22898-01-7	86.9 g/kg
precipitated silica		<10%
non-hazardous ingredients		balance

4. FIRST AID MEASURES

Ingestion

Rinse mouth with water, then swallow a glass of water to assist dilution.

Inhalation

Exposure to harmful quantities of flupropanate by inhalation is unlikely. Check for alternative causes for any symptoms observed.

Skin

Remove affected clothing and wash exposed skin with plenty of soap and water. Wash affected clothing before wearing again.

Eyes

Wash eyes with clean water for at least 15 minutes.

Medical treatment and Special Treatment

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Not combustible. Use extinguishing media to suit burning material.

6. ACCIDENTAL RELEASE MEASURES

Sweep up or vacuum clean without raising dust. Place recovered material in a sealable open-top container.

7. HANDLING AND STORAGE

Store in the closed original container in a dry well ventilated area, as cool as possible. DO NOT store for prolonged periods in direct sunlight. DO NOT re-use container or packaging. During storage keep from contact with fertilizers, other pesticides and seeds.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

An exposure standard of has been set by the Australian Safety and Compensation Council (ASCC) for precipitated silica at TWA 10 mg/m³.

When using the product wear elbow length PVC gloves and face shield and goggles. After use and before eating, drinking or smoking, wash hands arms and face thoroughly with soap and water. After each days use, wash contaminated clothing face shield or goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Free flowing granule with faint organic odour
Bulk density	0.98 – 1.02
Vapour pressure	<40 mPa (138°C)
K_{ow} LogP	<1.9

10. STABILITY AND REACTIVITY

Chemical stability

Stable under normal conditions

Incompatible materials

Strong oxidising agents

Hazardous reactions

Hazardous polymerisation is not possible.

11. TOXICOLOGICAL INFORMATION

Ingestion

Acute oral LD₅₀ (rats) 11 900 mg/kg

Inhalation

LC₅₀ (14 day, rats) >1.74 mg/L

Skin

LD₅₀ (rats) >5 500 mg/L

Chronic Effects

None known

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not hazardous to fish.

Persistence and degradability

Half life in soil estimated to be 30 days.

Mobility

Expected to be highly mobile in soil due to low adsorption to soil (log K_{oc}: 0.939) and very high solubility in water (3.9 kg/L).

Environmental fate

Expected to be readily biodegradable.

Bioaccumulation potential

The potential to bioaccumulation is low due to very high water solubility.

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers

Do not dispose of undiluted chemicals on site. Puncture or shred and bury empty containers and packaging in local authority landfill. If no landfill available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, and roots of desirable vegetation.

Special precautions for landfill or incineration

Empty containers and product should not be burnt.

14. STORAGE & TRANSPORT INFORMATION

Not a dangerous good for transport (ADG6).

15. REGULATORY INFORMATION

This product is classified as Schedule 5 (CAUTION) under the Standard for Uniform Scheduling of Drugs and Poisons (SUSDP).

16. OTHER INFORMATION

All due care and skill, so far as practicable, has been applied in the preparation and collation of the information in this MSDS. Each user of the Product named in this MSDS should read and consider the information contained in this MSDS in the context of how the Product will be stored, handled, used or applied in the workplace. In all circumstances, it is the responsibility of the user of the Product to ensure that they have sought out the relevant safety data appropriate to their particular situation.

Nothing contained in this MSDS shall be construed as a representation or recommendation to the user about the suitability or otherwise of the Product named in this MSDS for the user's particular situation.

If the user requires any clarification or further information, the user should contact Granular Products Pty Ltd.

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