

AGPRO SAFETY DATA SHEET

FODDER BEET SMOOTH

Issue Date: 15 Jul 2020

1. SUBSTANCE IDENTIFICATION:

Fodder Beet Smooth

SUPPLIER NAME: AGPRO NZ Limited
SUPPLIER CODE: None
SUPPLIER ADDRESS: 10 Polaris Place, East Tamaki, Auckland.
SUPPLIER PHONE: 09 273 3456
SUPPLIER FAX: 09 273 3457
EMERGENCY PHONE: 0800 POISON
USE: A selective herbicide for the control of broadleaf weeds in fodder beet, sugar beet and red beet.

2. HAZARDS IDENTIFICATION:

HAZARD CLASSES: **Classified as ecotoxic according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.**

Classification and statements: **HSNO Approval HSR101145**

- 6.1D Warning May be harmful if swallowed, inhaled or absorbed through the skin.
- 6.3B Warning Causes mild skin irritation.
- 6.4A Warning Causes serious eye irritation.
- 6.5B Warning May cause an allergic skin reaction.
- 6.7B Warning Suspected of causing cancer via route of exposure.
- 6.9B Warning May cause target organ damage from repeated oral exposure at high doses.
- 9.1A Warning Very toxic to aquatic life with long lasting effects.
- 9.2A Warning Very toxic to the soil environment.
- 9.3C Warning Harmful to terrestrial vertebrates

Refer to Section 15 for EPA Requirements.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME	CAS NUMBER	CONCENTRATION
Desmedipham	13684-56-5	6%
Phenmedipham	13684-63-4	6%
Ethofumisate	26225-79-6	6%
Metamitron	41394-05-2	20%
Solvent	64742-95-5	1-5%
Other co-formulants	Trade secret	Balance

4. FIRST - AID MEASURES:

GENERAL INFORMATION: Remove any contaminated clothing and footwear immediately. Seek medical advice. Contact National Poisons and Hazardous Chemicals Information Centre ph 0800 764 766 (0800 POISON)

EYE CONTACT: Rinse eyes immediately with clean water for at least 15 minutes, holding eyes open. Consult an eye specialist.

SKIN CONTACT: Carefully remove contaminated clothing. Wash affected areas with soap and water. Seek medical advice if at all worried.

INHALATION: If inhaled, remove to fresh air and keep warm and at rest. Seek medical advice as above immediately.

INGESTION: Obtain immediate medical advice as above. If swallowed, do NOT induce vomiting. Rinse mouth and give a glass of water.

NOTES TO DOCTOR: Treat symptomatically. gastric lavage, then charcoal (carbo medicalis) and sodium sulphate

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA AND METHODS: Sprayed water jet, foam, extinguishing powder, carbon dioxide, sand.

SPECIFIC HAZARDS DURING FIRE FIGHTING: Explosion hazard is low. Can react with oxidising materials. In a fire, formation of hydrogen chloride, hydrogen cyanide, carbon monoxide and nitrogen oxides can be expected.

RECOMMENDED PROTECTIVE CLOTHING: Fire fighters should wear full protective gear, including self-contained breathing.

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6. ACCIDENTAL RELEASE MEASURES:

EMERGENCY PROCEDURES:

PERSONAL PRECAUTION:

Ensure suitable personal protection during removal of spillages - wear either goggles and half face respirator with dust and vapour cartridge or full face respirator with dust and vapour cartridge along with impermeable gloves, coat, hat and trousers.

ENVIRONMENTAL PRECAUTION:

Prevent washings from entering any waterway.

PROCEDURE FOR SPILL

Keep bystanders away. Wear above mentioned protective equipment. Contain the spill and recover spilt product with sawdust or other inert absorbent material then place recovered material into a properly labelled and secured drum. Contaminated material must be disposed of in accordance with all local authority requirements.

For quantities up to 50 litres of product, bury in a secure approved landfill site.

For quantities greater than 50 litres seek advice from the manufacturer.

PROCEDURE OF DISPOSAL:

Decontaminate the spill area with detergent and water. Use the least amount of water practicable for rinsing Triple rinse container and add residue to spray tank. Do not burn. Return empty container to an AgRecovery collection point for disposal. Avoid contamination of any water supply with chemical or empty container. Do not use the container for any other purpose. Do not contaminate streams, rivers or waterways with the chemical or the used container.

7. HANDLING AND STORAGE:

HANDLING:

Handle only in areas with appropriate exhaust ventilation.

STORAGE:

Keep containers tightly closed in a cool, well ventilated place accessible by authorized persons only. Store away from strong oxidising agents. Store below 50°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

ENGINEERING MEASURES:

Use in a well-ventilated area only.

RESPIRATORY PROTECTION:

Use suitable respiratory protection where there is insufficient ventilation.

HAND PROTECTION

Solvent resistant gloves.

EYE PROTECTION

Chemical goggles/face protection.

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing.

RESPIRATORY PROTECTION

Full mask.

HYGIENE MEASURES:

Avoid contact with eyes and skin. Store work clothes and street clothes separately. Wash hands before breaks and at the end of work. Change contaminated protective clothing. Keep away from food, drink and tobacco.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPARANCE:

Cream to tan coloured liquid

ODOUR:

Aromatic

BOILING POINT

> 100°C

VAPOUR PRESSURE

No data available

pH:

4.0-7.0

SOLUBILITY

Emulsifies in water

SPECIFIC GRAVITY:

1.09g/l at 20°C

FLASH POINT

Non Flammable

10. STABILITY AND REACTIVITY:

HAZARDOUS REACTIONS:

Stable under normal conditions of use

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11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL:	LD50 rat (male): >650 mg/kg Metamitron.
ACUTE DERMAL:	LD50 rat: > 1000 mg/kg. Metamitron
ACUTE INHALATION:	LC50 > 0.206 mg/L, aerosol (4 h) (highest attainable concentration) Based on Metamitron
SKIN IRRITATION	Slightly irritating (rabbit).

12. ECOLOGICAL INFORMATION:

FISH:	LC50 (96 h) for rainbow trout 8.6 mg/l. (For the active phenmedipham) LC50 (96 h) for rainbow trout 3.2 mg/l. (For the active desmedipham) LC50 (96 h) for rainbow trout 190 mg/l. (For the active metamitron) LC50 (96 h) for rainbow trout 11 mg/l. (For the active ethofumisate)
DAPHNIA:	LC ₅₀ (48 h) 3.67 mg/l. (For the active phenmedipham) LC ₅₀ (48 h) 1.0 mg/l. (For the active desmedipham) LC ₅₀ (48 h) 5.7 mg/l. (For the active metamitron) LC ₅₀ (48 h) 20 mg/l. (For the active ethofumisate)
ALGAE:	EC ₅₀ (72h) for <i>Scenedesmus subspicatus</i> >10mg/l. (For the active phenmedipham) EC ₅₀ (96hr) for <i>Scenedesmus subspicatus</i> 0.1 mg/l. (For the active desmedipham) EC ₅₀ (96hr) for <i>Scenedesmus subspicatus</i> 0.22 mg/l. (For the active metamitron)

13. DISPOSAL CONSIDERATIONS:

DISPOSAL	Ensure product is not discharged into the environment. For disposal, use a certified disposal company.
EMPTY CONTAINER PRECAUTION:	Remove all residues after final product withdrawal. Once product residues adhering to container walls have been rendered harmless, the product and hazard labels must be invalidated. Containers may be recycled with a certified drum recycling company.

14. TRANSPORT INFORMATION:

PROPER SHIPPING NAME:	Environmentally Hazardous Substance, N.O.S (60 g/L phenmedipham, 60 g/L desmedipham, 60 g/L ethofumesate and 200 g/L metamitron)
DG CLASS:	9
UN NUMBER:	3082
HAZCHEM:	2X
PACK GROUP:	III

15. REGULATORY INFORMATION:

APPROVED HANDLER:	This product must be under the control of an approved handler during use.
See the EPA website for more details:	www.epa.govt.nz
EPA Approval Code:	HSR101145
ACVM Pesticide Number:	P009385

16. OTHER INFORMATION:

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.