

AGPRO DIRECT SAFETY DATA SHEET

DIRECT

AGPRO HAMBEET

Issue Date: 19/11/2017

1. SUBSTANCE IDENTIFICATION:

HAMBEET

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: Herbicide

2. HAZARDS IDENTIFICATION:

HAZARD CLASSIFICATION: Classified as ecotoxic according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
CLASSIFICATION AND TYPE:
HSNO Class
3.1D, 6.1E, 6.3B, 6.5B, 6.9A, 8.3A, 9.1A, 9.2B
Warning - Combustible liquid – keep away from naked flame.
Warning- May be harmful if swallowed, inhaled or absorbed through the skin.
Warning - Causes skin irritation.
Warning – may cause an allergic skin reaction.
Danger – presumed to/may cause target organ damage from repeated oral exposure at high doses.
Danger - Causes serious eye damage.
Very toxic to aquatic life with long lasting effects.
Toxic to the soil environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

PURE SUBSTANCE:

Chemical Identity: 160g/L Desmedipham and 160g/L Phenmedipham

MIXTURE:

<i>Ingerdient</i>	<i>CAS No</i>	<i>Content %w/v</i>
Desmedipham	13684-56-5	16%
Phenmedipham	13684-63-4	16%
Other co-formulants		68%

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.
FIRST AID FACILITIES: Provide eye wash and safety shower in the workplace.
TREATMENT: 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.

6. ACCIDENTAL RELEASE MEASURES:

EMERGENCY PROCEDURES:

PERSONAL PRECAUSONS:

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 PRECAUSONS:

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.

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

ii, For quantities greater than 50 litres seek advice from the manufacturer. Decontaminate the spill area with detergent and water. Use the least amount of water practicable for rinsing.

PROCEDURE FOR DISPOSAL:

i. Triple rinse containers and add rinsate to spray tank. Do not dispose of undiluted product on site.

ii. Burn rinsed container in a suitable incinerator if circumstances, especially wind direction, are suitable. Otherwise bury in suitable landfill.

iii. Dispose of product or unused spray mix according to label instructions.

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. Wear full mask.

HAND PROTECTION:

Solvent resistant gloves.

EYE PROTECTION:

Chemical goggles/face protection.

OTHER PROTECTIVE EQUIPMENT:

Wear suitable protective clothing.

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:

APPEARANCE:

Cream to tan coloured liquid

ODOUR:

Aromatic

BOILING POINT:

>90°C

VAPOUR PRESSURE:

1 hPa at 20°C

pH:

6.5-7.5

SOLUBILITY:

Emulsifies in water

SPECIFIC GRAVITY:

1.10 g/l at 20°C

FLASH POINT:

91°C

10. STABILITY AND REACTIVITY:

HAZARDOUS REACTIONS:

Stable under normal conditions of use.

11. TOXICOLOGICAL INFORMATION:

ORAL TOXICITY:	LD50 rat (male): >2500 mg/kg
DERMAL TOXICITY:	LD50 rat: > 4000 mg/kg
INHALATION TOXICITY:	LC50 > 2.14 mg/L, aerosol (4 h) (highest attainable concentration).
EYE IRRITATION:	Slightly irritating (rabbit).
SKIN IRRITATION:	Not 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)
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)
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)

13. DISPOSAL CONSIDERATIONS:

DISPOSAL:	Ensure product is not discharged into the environment. For disposal, use a certified disposal company.
EMPTY CONTAINER PRECAUTIONS:	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:

RAIL/ROAD (RID/ADR):	UN3082 Environmentally Hazardous Substance, N.O.S (160G/l Desmedipham & 160g/L phenmedipham), Class 9, Packaging Group III, Hazchem 3Z.
SEA (IMDG-Code):	As above.
AIR (ICA/IATA):	As above.

15. REGULATORY INFORMATION:

HSNO APPROVAL NO.:	HSR101207
HSNO CONTROLS:	See www.epa.govt.nz for controls.
APPROVED HANDLER REQUIRED:	Approved Handlers required at time of use.
ACVM REGISTRATION:	P009443
ACVM CONTROLS:	See www.nzfoodsafety.govt.nz for registration conditions.

16. OTHER INFORMATION:

This information and recommendations contained herein are based on information believed to be correct. However, no guarantee or warranty of any kind, expressed or implied is made with respect to the information provided herein.