

MATERIAL SAFETY DATA SHEET

STATEMENT OF HAZARDOUS NATURE:
Hazardous according to the criteria of NOHSC

COMPANY DETAILS:

Syngenta Crop Protection Pty Limited
ABN 33 002 933 717
140-150 Bungaree Rd.,
PENDLE HILL, NSW, 2145

Telephone No.: (02) 9688 0444
24 Hours Emergency No.: 1 800 033 111

IDENTIFICATION

PRODUCT NAME: GESAGARD[®] 900 WG Herbicide

Formulation type:	Wettable granules	Dangerous Goods Class/ and Subsidiary Risk (ADG):	none allocated
Active Ingredient:	Prometryn	Hazchem Code:	none allocated
Product Code No.:	MANCODE0275	Packing Group:	none allocated
Chemical type	Triazine	Poisons Schedule:	5
UN Number:	None allocated		

USE: Controls early competing weeds in carrots, cotton chickpeas, potatoes and other crops as specified in the Directions for Use Table.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance:	Off white to cream granules	Flash point:	Not applicable
Odour:	Sweet vanilla	Flammability:	Non-flammable
Vapour pressure:	0.13 mPa (20°C) prometryn	Behaviour in water:	Suspensible
Specific gravity:	Solid		

INGREDIENTS

	CAS No.	Content (%w/v)
Prometryn (technical grade min purity 97.5%) to give prometryn	7287-19-6	90
Morwet D-425	68425-94-5	<10
Hostapon T	137-20-2	<10

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE

Toxicity - This product is slightly hazardous (WHO Class III)

Swallowed: **LOW TOXICITY**
Tests on rats indicate a low toxicity following a single dose of the active ingredient, prometryn.
(LD₅₀ = 5235 mg/kg)

Dermal absorption: **LOW TOXICITY**
Tests on rats indicate a low toxicity due to skin contact with the active ingredient, prometryn.
(LD₅₀ = 2150 mg/kg)

Inhaled: **LOW TOXICITY**
Tests on rats indicate a low toxicity due to inhalation of the active ingredient prometryn (no toxic concentration was attainable).
(LC₅₀ (4 h) > 215 mg/m³)

Irritation (Based on studies with rabbits)
Eye: **SLIGHT IRRITANT**
Skin: **NON IRRITANT**

Skin Sensitisation (Based on studies with guinea pigs using the active ingredient)
NOT A SENSITISER

CHRONIC (Active Ingredient)

Prometryn technical has been extensively tested on laboratory mammals and in test-tube systems. No evidence of mutagenic, teratogenic or reproductive effects was obtained.

FIRST AID

In case of poisoning by any exposure route contact a doctor or Poisons Information Centre. Phone 131 126.

Swallowed: If more than 15 minutes from a hospital, induce vomiting preferably using Ipecac Syrup (APF).
Eye: If product gets in eyes, wash it out immediately with water.
Skin: Remove contaminated clothing and wash affected areas thoroughly with soap and water.
Inhaled: Move affected person to fresh air and keep at rest until recovered.

ADVICE TO DOCTOR

No specific antidote exists. Treat symptomatically.

PRECAUTIONS FOR USE

ALWAYS READ AND FOLLOW THE LABEL INSTRUCTIONS AND WARNINGS

EXPOSURE STANDARDS

No exposure standards have been set for the components of this product.

Exposure Potential - Swallowing is unlikely under normal conditions of usage. Significant skin uptake does not occur. Inhalation is a possible route of exposure. This product is diluted with water prior to use as a spray. This diluted form is less toxic by all routes of exposure.

Re-entry Period - Do not enter treated areas without protective clothing until the spray has dried.

ENGINEERING CONTROLS

No special requirements. Product is used outdoors.

PERSONAL PROTECTION

Avoid contact with eyes and skin. Do not inhale spray mist. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FLAMMABILITY

This product is non-flammable.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Store in tightly sealed original containers in a dry secure place away from fertilisers, feed and food. Store out of direct sunlight. Keep out of reach of children, unauthorised persons and animals.

SPILLS AND DISPOSAL

In case of spillage it is important to take all steps necessary to:

- Avoid eye and skin contact.
- Avoid contamination of waterways.

Procedure for spill:

- (1) Keep all bystanders away.
- (2) Wear full length clothing and PVC gloves.
- (3) Reposition any leaking containers so as to minimise further leakage.
- (4) **For a product spill:** Sweep granule concentrate into a pile.
For a prepared spray spill: Dam and absorb spill with an absorbent material (e.g. sand or soil).
- (5) Shovel the absorbed material or granule concentrate into drums.
- (6) Disposal of the absorbed material will depend upon the extent of the spill.
 - For quantities up to 50L of product bury in a secure landfill site.
 - For quantities greater than 50L seek advice from the manufacturer (use emergency contact number below) before attempting disposal. Contain in a secure location until disposal method is established.
- (7) Decontaminate the spill area with detergent and water and rinse with water.

Dispose of empty, used containers by:

- (a) Shaking empty bag into spray tank. Single rinse before disposal. Add the rinsings to the spray tank.
- (b) DO NOT dispose of undiluted chemicals on site.
- (c) Puncture or shred and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

FIRE/EXPLOSION HAZARD

Extinguish warehouse or factory fires using fine water spray or foam. Do not allow fire-water to enter drains.

OTHER INFORMATION

Prometryn technical has low toxicity to birds, ($LC_{50} > 500\text{ppm}$ for mallard ducks) and is toxic to fish [LC_{50} (96h) rainbow trout = 2.5 mg/L]. Prometryn is non-toxic bees.

Note: This product is a registered agricultural chemical and must therefore be used in accordance with the container label directions. A comprehensive package of toxicological and environmental data for the active ingredients of this product has been submitted to the Federal health and environment authorities and has been evaluated by expert toxicologists and environmental scientists.

CONTACT POINT: Regulatory Affairs Manager - Crop Protection - (02) 9688 0444 24 HOURS EMERGENCY CONTACT: 1 800 033 111

This Material Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

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