

Infosafe No™ NU076 Issue Date : April 2014 ISSUED by NUFARM

 Product Name **PROMETRYN 900 DF Herbicide**

Classified as hazardous

1. Identification

GHS Product Identifier PROMETRYN 900 DF Herbicide

Product Code 0275

Product Type Group C Herbicide

Company Name NUFARM AUSTRALIA LIMITED. (ABN 80 004 377 780)

Address 103-105 Pipe Road Laverton North
Victoria 3026 Australia

Telephone/Fax Number Tel: +61 3 9282-1000
Fax: +61 3 9282-1001

Emergency phone number 1800 033 498 (24hr Australia)

Recommended use of the chemical and restrictions on use For the control of early competing weeds in carrots, chickpeas, cotton, potatoes, sunflowers, peanuts and other crops as per the Directions for Use table.

Other Information This Safety Data Sheet describes, to the best of our knowledge, the properties of the concentrated product. The physical properties and some of the assessments do not apply to the properties of the product once it has been diluted for application. Acute health effects of the diluted product are likely to be much less severe.

2. Hazard Identification

GHS classification of the substance/mixture ED1 Eye Damage/Irritation: Category 1
SC-2 Skin Corrosion/Irritation: Category 2

Signal Word (s) DANGER

Hazard Statement (s) H318 Causes serious eye damage.
H315 Causes skin irritation.

General Precautionary Statement (s) P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s) Corrosion



Precautionary statement – Prevention P264 Wash hands and exposed skin thoroughly after handling.
P280 Wear protective gloves, clothing, eye and face protection.

Precautionary statement – Response P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Other Information Poisons Schedule S5

3. Composition/information on ingredients

Chemical Characterization Solid

Ingredients	Name	CAS	Proportion
	Prometryn	7287-19-6	900 g/kg
	Dispersants	N/A	1-10 %

4. First-aid measures

Infosafe No™ NU076	Issue Date : April 2014	ISSUED by NUFARM
--------------------	-------------------------	------------------

Product Name **PROMETRYN 900 DF Herbicide**

Classified as hazardous

Inhalation	Remove affected person to fresh air until recovered. If symptoms develop or persist, seek medical advice.
Ingestion	Give a glass of water. If vomiting occurs, give more water to drink to assist dilution. If swallowed do NOT induce vomiting; seek medical advice immediately and show this container or label or contact the Poisons Information Centre on 13 11 26 (Aust). Make every effort to prevent vomit from entering the lungs by careful placement of the patient.
Skin	Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
Eye contact	If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes.
Advice to Doctor	Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media	Water fog, foam, carbon dioxide or dry chemical.
Hazards from Combustion Products	Combustible. If involved in a fire, it will emit oxides of nitrogen, oxides of carbon and possibly traces of sulphur oxides.
Special Protective Equipment for fire fighters	Breathable air apparatus may have to be worn if material is involved in fires especially in confined spaces.
Other Information	STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

6. Accidental release measures

Spills & Disposal	Recover the product by sweeping up or vacuuming without raising dust. Collect spilled material and waste in sealable open-top type containers for disposal.
Personal Protection	For appropriate personal protective equipment (PPE), refer Section 8.
Environmental Precautions	This product is a herbicide and spills can damage crops, pastures and desirable vegetation.

7. Handling and storage

Conditions for safe storage, including any incompatibilities	Store in the closed, original container in a dry, cool well ventilated area out of direct sunlight.
Other Information	Always read the label and any attached leaflet before use.

8. Exposure controls/personal protection

Occupational exposure limit values	No exposure standards have been set for this product or the active ingredients.
Appropriate engineering controls	Natural ventilation is sufficient when handling concentrate and preparing spray solution. Avoid generating and inhaling dusts.
Respiratory Protection	Do not inhale spray mist. If dusts are present, wear a dust mask.
Personal Protective Equipment	It is good practice to wear suitable personal protective equipment (PPE). When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles.
Hygiene Measures	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.
Requirements Concerning Special Training	Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

9. Physical and chemical properties

Infosafe No™ NU076	Issue Date : April 2014	ISSUED by NUFARM
--------------------	-------------------------	------------------

 Product Name **PROMETRYN 900 DF Herbicide**

Classified as hazardous

Form	Solid
Appearance	Off-white to cream granules
Odour	Sweet vanilla odour
Boiling Point	N/A
Solubility in Water	Disperses in water.
Specific Gravity	Solid
Vapour Pressure	0.13 mPa @ 20°C for prometryn
Partition Coefficient: n-octanol/water	Kow Log P is 3.1
Flash Point	N/A
Flammability	Combustible

10. Stability and reactivity

Possibility of hazardous reactions	Keep away from strong oxidising agents.
Hazardous Polymerization	Hazardous polymerisation is not possible.

11. Toxicological Information

Acute Toxicity - Oral	LD50 (rat) 4550 - 5233 mg/kg for prometryn
Acute Toxicity - Dermal	LD50 (rat) >3100 mg/kg for prometryn
Acute Toxicity - Inhalation	LC50 (rat) (4hr) >5.2 mg/l for prometryn
Ingestion	The concentrate is of low toxicity if swallowed. Possible symptoms of exposure to the concentrate include: nausea, vomiting and abdominal pains.
Inhalation	May cause irritation to the respiratory tract.
Skin Sensitisation	Product is not a skin sensitiser.
Carcinogenicity	Data indicates no carcinogenic effects.
Reproductive Toxicity	Data indicates no reproductive effects. Data indicates no teratogenic effects.
Chronic Effects	Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.
Serious eye damage/irritation	This product is a severe eye irritant.
Mutagenicity	Data indicates no mutagenic effects.
Skin corrosion/irritation	The product is a skin irritant.
Other Information	The Australian Acceptable Daily Intake (ADI) for prometryn for a human is 0.03 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 3 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref: Comm. Dept. of Health and Ageing, Office of Chemical Safety, 'ADI List', September 2013).

12. Ecological information

Persistence and degradability	Average field half life of prometryn is 40 - 70 days.
Other Precautions	Do not contaminate dams, waterways or sewers with this product.
Acute Toxicity - Fish	The following is data for the active ingredient, prometryn. LC50 (96hr) for rainbow trout is 5.5 mg/l. LC50 (96hr) for bluegill sunfish is 7.9 mg/l.

Infosafe No™ NU076	Issue Date : April 2014	ISSUED by NUFARM
--------------------	-------------------------	------------------

Product Name **PROMETRYN 900 DF Herbicide**

Classified as hazardous

Acute Toxicity - Daphnia LC50 (48hr) for daphnia is 12.66 mg/l for prometryn.

Acute Toxicity - Other Organisms The following data is for the active ingredient, prometryn.
 Birds: Not toxic to birds. LD50 for mallard ducks is 4640 mg/kg
 Bees: Not toxic to bees. LD50 >99 µg/bee.

13. Disposal considerations

Product Disposal On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals (ChemClear®).

Container Disposal Shake bag contents into spray tank until the bag is empty. Single rinse before disposal.
 Add rinsings to spray tank Puncture or shred and bury containers in local authority landfill. If no landfill is available, bury the containers below 500mm 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.

14. Transport information

Transport Information Storage and Transport It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.
 Considered non dangerous for road and rail transport (in packaging, including IBCs not greater than 3000 Lt each) by the Australian Code for the Transport of Dangerous Goods by Road and Rail. Ref: ADG7; SP No. AU01.

For bulk shipments as Class 9, use UN 3077, HazChem code 2Z.

UN Number (Sea Transport) 3077

IMO Class/Packing Group Class 9

IMO Marine Pollutant Marine Pollutant

IMO Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains prometryn)

15. Regulatory information

Poisons Schedule S5

Packaging & Labelling CAUTION
 KEEP OUT OF REACH OF CHILDREN
 READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Other Information This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 46814.

16. Other Information

Date of preparation or last revision of SDS Revised 30/04/2014.
 This SDS replaces document dated April 2009.

Contact Person/Point Normal Hours: Mrs Kathleen Marsh Phone: +61 3 9282 1000
 After Hours: Shift Supervisor Phone: 1800 033 498

Revisions Highlighted The SDS was reviewed to include GHS requirements.
 This product is now classified as hazardous and may cause serious eye damage or skin irritation.
 ...End Of MSDS...

© Copyright ACOHS Pty Ltd
 Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.
 The compilation of MSDS's displayed is the intellectual property of Acohs Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Acohs Pty Ltd.