

# Safety Data Sheet

according to WHS Regulations

Printing date 28.10.2020

Revision: 08.09.2020

## 1 Identification

**Product Name: PROBLAD FUNGICIDE****Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Fungicide. For professional use only.**Details of Manufacturer or Importer:**Grochem Australia  
Suite 1, Lvl 3, 262 Lorimer Street,  
Port Melbourne, VIC 3207**Phone Number:** 1800 777 068**Emergency telephone number:** National Poison Information Centre: 13 11 26

## 2 Hazard(s) Identification

**Hazardous Nature:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified, according to the Globally Harmonised System (GHS).

**Signal Word** None**Hazard Statements** None**Precautionary Statements** None

## 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

CAS: 1219521-95-5	BLAD (polypeptide, band from sweet Lupinus albus)	20%
	⚠ Acute Toxicity (Oral) 4, H302	

## 4 First Aid Measures

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and rinse affected areas with water for at least 15 minutes. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if symptoms persist.

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**Ingestion:**

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Symptoms Caused by Exposure:**

Inhalation: May cause irritation of the respiratory tract.

Skin Contact: May cause mild skin irritation.

Eye Contact: May cause mild eye irritation.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

## 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

**Specific Hazards Arising from the Chemical:**

No hazardous decomposition products known.

Product is non flammable.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Minimise run-off from fire fighting entering drains or water courses.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

## 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear appropriate personal protective equipment including protective clothing, gloves and eye/face protection.

Keep people and animals at a distance and stay on the windward side.

**Environmental Precautions:** In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Dike large spills to prevent runoff. Collect the spilled material and place into a suitable container for disposal. Clean and neutralise spill area by washing with bleach, water and soap. Absorb rinsings and add to the collected waste.

## 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Protect from heat, sparks, open flames and other sources of ignition.

Store in original container. Do not contaminate other pesticides, fertilisers, water, food or feed during storage.

## 8 Exposure Controls and Personal Protection

**Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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**Engineering Controls:** Ensure adequate ventilation of the working area.**Respiratory Protection:**

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible or when working in confined spaces (e.g. tanks, containers). See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

### 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Brown
<b>Odour:</b>	Sweet earthy odour
<b>Odour Threshold:</b>	Not determined.
<b>pH-Value:</b>	5.0-7.5
<b>Melting point/freezing point:</b>	Not determined.
<b>Initial Boiling Point/Boiling Range:</b>	100 °C
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Product is non flammable.
<b>Decomposition Temperature:</b>	Not determined.
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapour Pressure:</b>	Not determined.
<b>Density:</b>	1.20 g/cm <sup>3</sup> (±0.06)
<b>Relative Density:</b>	Not determined.
<b>Vapour Density:</b>	Not determined.
<b>Evaporation Rate:</b>	Not determined.
<b>Solubility in Water:</b>	Soluble in water
<b>Partition Coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity:</b>	Not determined.

### 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

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**Chemical Stability:** Stable under normal conditions.**Conditions to Avoid:** No further relevant information available.**Incompatible Materials:** No further relevant information available.**Hazardous Decomposition Products:** No hazardous decomposition products known.

### 11 Toxicological Information

**Toxicity:****LD50/LC50 Values Relevant for Classification:****CAS: 1219521-95-5 BLAD (polypeptide, band from sweet Lupinus albus)**

Oral LD50 &gt;5,000 mg/kg (rat)

Dermal LD50 &gt;4,000 mg/kg (rat)

Inhalation LC50 5.34 mg/l (rat)

**Acute Health Effects****Inhalation:** May cause irritation of the respiratory tract.**Skin:** May cause mild skin irritation.**Eye:** May cause mild eye irritation.**Ingestion:** May cause gastrointestinal irritation, nausea, vomiting and diarrhea.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** Not expected to be a hazard.**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** Not expected to be a hazard.**Existing Conditions Aggravated by Exposure:** Not expected to be a hazard.**Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### 12 Ecological Information

**Ecotoxicity:** No adverse ecological effects are expected.**Persistence and Degradability:** Biodegradable

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**Bioaccumulative Potential:** Bioaccumulation is not expected to occur.**Mobility in Soil:** No data available on finished product.**Other adverse effects:** No further relevant information available.

## 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 Transport Information

**UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

## 15 Regulatory Information

**Australian Inventory of Chemical Substances:** All ingredients are listed.**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:**

Not a scheduled poison.

**Australia: Priority Existing Chemicals**

None of the ingredients is listed.

## 16 Other Information

**Date of Preparation or Last Revision:** 08.09.2020**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Acute Toxicity (Oral) 4: Acute toxicity - oral - Category 4

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - May 2018"

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