

# Safety Data Sheet

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: PolyMag80  
Chemical Name: Dustr Control and Soil Stabilisation Product  
Company Name: Prozyme Australia Pty. Ltd.  
Address: 28-32 Railway Parade, Welshpool, WA 6109, Australia  
Emergency Telephone Number: 0427 786 662

## 2. HAZARDOUS IDENTIFICATION

**Hazard Classification:** Non-hazardous substance Non-dangerous goods

Hazard classification according to the criteria of National Occupational Health & Safety Commission (NOHSC), and Safe Work Australia Criteria. Dangerous goods classification according to the Australia Dangerous Goods Code.

UN No.	None Allocated	DG Class:	None Allocated
Packing Group:	None Allocated	Hazchem Code:	None Allocated

### Safety Phrases

S23 Do not breathe gas/fumes/vapour/spray  
S24/25 Avoid contact with skin and eyes  
S28 After contact with skin, wash immediately with plenty of soap and water

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name	CAS	Proportion %
Proprietary Additives	N/A	65 – 75%
Other ingredients determined not to be hazardous, including water	N/A	25 – 40%

#### 4. FIRST AID MEASURES

- Inhalation:** Remove the source of contamination and move the affected person to fresh air. Keep at rest and warm. If symptoms persist seek medical attention.
- Ingestion:** Wash out mouth and lips thoroughly with water. Give plenty of water to drink. Seek medical attention.
- Skin:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation develops seek medical attention.
- Eye:** If in eyes, hold eye lids apart and flush immediately with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.
- Advice to Doctor:** Treat symptomatically.

#### 5. FIRE FIGHTING MEASURES

- Flammability:** Non Flammable.
- Fire & Explosion:** No fire or explosion hazard exists.
- Suitable Extinguishing Media:** Water spray, water fog, foam, carbon dioxide and dry chemical powder
- Specific Hazards:** None.

#### 6. ACCIDENTAL RELEASE MEASURES

- Emergency Procedures:** Slippery when spilled. Avoid accidents, clean up immediately. Wear appropriate personal protective equipment and clothing to minimise exposure. If possible contain the spill, prevent run-off into drains and water ways. Place inert absorbent material onto spillage. Collect and place in labelled containers. If contamination of sewers or waterways occurs, inform the local water authorities in accordance with local regulations. Disposal should be in accordance with the relevant local government regulations.

#### 7. HANDLING AND STORAGE

- Precautions for Safe Handling:** Wear appropriate protective clothing and equipment to prevent inhalation, skin and eye contact. Use in designated areas with adequate ventilation. Practice good personal hygiene, that is, always wash hands after handling and before eating, drinking or using the toilet facilities. Prevent the creation of vapour or mist in the work atmosphere. Keep containers closed when not in use.
- Conditions for Safe Storage:** Storage should be in a cool, dry and well-ventilated area away from incompatible materials such as strong acids and oxidizing agents. Keep the containers tightly sealed when not in use, and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### National Exposure Standards:

No exposure standards have been established for the mixture by the National Occupational Health and Safety Commission (NOHSC), Australia. However, over-exposure to some chemicals may result in adverse effects on health or aggravation of pre-existing medical conditions and /or allergic reactions and should be kept to the lowest possible levels.

The available exposure limits for the composition typically are;

- Dermal: LD<sub>50</sub> Rabbit: > 5,000 mg/kg practically non-irritating
- Oral: LD<sub>50</sub> Rat: > 5,000 mg/kg
- Eye: Rabbit: very slight irritation.

### Engineering Controls

Use with good ventilation to keep the airborne concentrations as low as possible. Where vapours or mists are generated in a confined space, a local exhaust ventilation system, drawing the vapours/mists away from workers' breathing zone, should be used.

**Eye Protection:** Safety glasses with side shields or goggles as appropriate should be worn.



**Hand Protection:** Use chemical resistant gloves.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Light tan milky liquid
<b>Odour:</b>	Slight odour
<b>Melting Point:</b>	0 °C (water)
<b>Boiling Point:</b>	100 °C (water)
<b>Solubility in water:</b>	Miscible in all proportions
<b>Specific Gravity</b>	1.15 – 1.18
<b>pH Value:</b>	7.0 +/- 1.0
<b>Vapour Pressure:</b>	17 mmHg @ 20 °C
<b>Vapour Density:</b>	Not available
<b>Evaporation Rate:</b>	Not available
<b>Viscosity:</b>	1,000 - 2,000 cPs
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Non-combustible liquid
<b>Flammable Limits:</b>	Not applicable
<b>Lower / Upper</b>	

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable under normal conditions of storage and handling
<b>Incompatible Materials:</b>	Oxidising agents and strong acids
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide. Hazardous Polymerisation is not likely to occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information:</b>	Not available
<b>Inhalation:</b>	Inhalation of product vapours in confined spaces may cause irritation of upper respiratory tract.
<b>Ingestion:</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
<b>Skin:</b>	Extended contact may cause redness, itching and mild irritation. Skin contact may also cause sensitisation for susceptible individuals.
<b>Eye:</b>	Eye contact may cause eye irritation, lacrimation and redness.
<b>Chronic Effects:</b>	Not available

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Not available
<b>Persistence/Degradability:</b>	Biodegradable
<b>Mobility:</b>	Not available
<b>Bioaccumulative Potential:</b>	Not available
<b>Environmental Protection:</b>	Avoid contaminating waterways. Do not discharge the product into drains or sewers.

## 13. DISPOSAL CONSIDERATIONS

The disposal of the spill or waste material must be done in accordance with applicable local and national regulations.

**14. TRANSPORT INFORMATION**

<b>Road and rail transport:</b>	Not classified as Dangerous Goods for the Transport of Dangerous Goods by Road and Rail (ADG Code).
<b>Marine Transport:</b>	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
<b>Air Transport:</b>	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**15. REGULATORY INFORMATION**

<b>Regulatory Information:</b>	Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
<b>Poisons Schedule:</b>	Not scheduled
<b>AICS (Australia):</b>	All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or otherwise are in compliance with NICNAS requirements.

**16. OTHER INFORMATION**

**Date of preparation of MSDS:** January 2023

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