

SAP HD HEAVY DUTY - SAFETY DATA SHEET

1. IDENTIFICATION & COMPANY DETAILS

Product Name: SAP HD Heavy Duty

Recommended Use: To absorb excess water & solidify sumps and slurries to be easily handled by manual or mechanical means.

Supplier: Polymer Innovations Pty Ltd

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2. HAZARDS IDENTIFICATION

Product Code: PIB1580910 **Dangerous Goods Class:** Not Applicable

U.N. Number: Not assigned **Poisons Schedule:** Not Applicable

Hazchem Code: Not assigned **Hazard Class:** Not assigned

Risk Phrase(s): Not assigned

Safety Phrases: **S26:** In case of contact with eyes, rinse immediately with plenty of water. Seek medical advice.
S36: Wear suitable protective clothing.

**This product when wet renders surfaces extremely slippery.
The product swells in water.**

**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA
OF WORKSAFE AUSTRALIA [NOHSC: 2011(2003)].
NOT CLASSIFIED AS HAZARDOUS ACCORDING TO GHS.**

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

- THIS MATERIAL IS NON-HAZARDOUS ACCORDING TO AUSTRALIAN SAFETY AND COMPENSATION COUNCIL (ASCC).
- NOT CLASSIFIED AS DANGEROUS GOODS BY THE CRITERIA OF THE AUSTRALIAN DANGEROUS GOODS CODE (ADG) FOR TRANSPORT BY ROAD AND RAIL.

No adverse health effects expected if product is handled in accordance with this Safety Data Sheet and the product label.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name:	Super Absorbent Polymer
CAS Number:	Available on request
Proportion:	Ingredients determined not to be hazardous > 60%

4. FIRST AID MEASURES

Inhalation:	Provide fresh air, seek medical advice if necessary.
Skin Contact:	Wash with plenty of water and seek medical attention if irritation develops.
Eye Contact:	Rinse immediately with plenty of water for at least 15 minutes. If symptoms persist, call a physician.
Ingestion:	Clean mouth with water and drink plenty of water afterwards. If symptoms persist, call a physician.
Notes to Physician:	Symptomatic treatment

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Water spray or fog, foam, dry chemical or CO ₂ .
Hazards from Combustion Products:	May be released in case of fire: carbon monoxide, carbon dioxide, organic products of decomposition and nitric oxides. Under certain fire conditions, traces of other toxic products may occur. Take measures against electrostatic charge.
Special Fire-fighting precautions:	Wear self contained breathing apparatus for fire fighting if necessary.
Hazchem Code:	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	In case of release dust: Dust mask
Environmental Precautions:	Prevent material from entering drains and/or waterways.
Methods for Cleaning Up:	Sweep up or vacuum up spillage and collect in a suitable container for disposal. Avoid dust formation.

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7. HANDLING AND STORAGE

Handling:	Avoid dust formation. Handle in accordance with good industrial hygiene and safety practices.
Storage:	Requirements for storage areas and containers No special precautions required. Keep container tightly closed. Store in a cool and dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: No value assigned for this specific material by the Australian Safety and Compensation Council (ASCC), however exposure limit for 'Dusts not otherwise specified' is 10mg/m³ TWA.

Biological Limit Values: No biological limit allocated.
Components with workplace control parameters

Engineering Measures: Provide adequate ventilation.

Personal Protection Equipment

- **Respiratory Protection:** In case of dust or aerosol formation use respirator with an approved filter.
- **Skin Protection:** Avoid contact with skin, eyes and clothing. For prolonged or repeated contact use protective gloves.
- **Eye Protection:** Safety glasses with side-shields.
- **Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Powder
Colour: White
Odour: Ester-like

Safety Data

pH: 6
Melting Point: Not determined
Boiling Point Range: Not determined
Flash Point: Not applicable
Ignition Temperature: Not determined
Explosiveness: Dust may form explosive Mixtures with air.
Lower Explosion Limit: Not determined
Upper Explosion Limit: Not determined
Vapour Pressure: Not applicable
Density: 0.7g/cm³
Water Solubility: Insoluble

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10. STABILITY AND REACTIVITY

Conditions to avoid:	None known.
Incompatible Materials:	No known incompatibility with other materials.
Thermal Decomposition:	No decomposition if stored and applied as directed.
Hazardous Reactions:	No dangerous reaction know under conditions of normal use.
Chemical Stability:	Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Acute / Chronic Effects	No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms which may arise if the product is mishandled are:
<ul style="list-style-type: none">Inhalation:Skin:Eyes:Ingestion:Chronic Exposure:	No hazard expected in normal use. Dust may cause irritation. Possible discomfort includes coughing and sneezing. May cause skin irritation. Dust may cause irritation. May cause irritation to the mucous membranes of the mouth, throat and digestive tract. No adverse health effects are known.
Furth toxicological information:	No data is available on the product itself.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Biodegradability: There is no data available for this product

Behaviour in environmental compartments

Mobility: There is no data available for this product

Ecotoxicity effects

Toxicity to fish: There is no data available for this product

13. DISPOSAL CONSIDERATIONS

Product

With respect to local regulations, e.g. deposit in a suitable landfill site or dispose of to suitable waste incineration plant.

14. TRANSPORT INFORMATION

Transport/further information

Not dangerous according to transport regulations.

Hazchem code

Not applicable

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15. REGULATORY INFORMATION

Poison Schedule

Not Scheduled

Registration

- Australia (AICS) Listed/Registered
- New Zealand Listed/Registered

16. OTHER INFORMATION

Risk phrase (R phrase) texts

Further Information

This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of my knowledge, information and belief at the date of publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered to be a warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.