



MATERIAL SAFETY DATA SHEET

PRODUCT: POTASSIUM SULPHATE/POTASH

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Manufacturer's Name and Address:

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PRODUCT IDENTIFICATION

Product Trade Name: Manutec Potassium Sulphate/Potash/Sulphate of Potash
Product Code: MTO0500/MBP1104/MBP0266
UN Number: Not allocated
Hazchem Code: Not allocated
Dangerous Goods Class: Not allocated
Subsidiary Risk: Not allocated
Poisons Schedule: Not allocated
Use: Used as a fertiliser to correct deficiency of Potassium in plants.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Off-white odourless crystalline powder. Bitter in taste.
Boiling Point: No data.
Melting Point: 1072⁰C
Vapour Pressure: Not applicable.
Specific Gravity: 2.66 (water = 1)
Flash Point: Not applicable.
Solubility in Water: Soluble – approximately 12g/100ml

INGREDIENTS

	<u>CAS No</u>	<u>Proportion</u>
Potassium as Potassium Sulphate	7778-80-5	41%



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HEALTH HAZARD INFORMATION

Acute – Swallowed:	Moderately irritative.
Acute – Skin:	No evidence of any health effects other than slight irritation to skin.
Acute – Eye:	No evidence of any health effects other than slight irritation to eyes.
Acute – Inhaled:	No evidence of health effects other than irritation to respiratory tract.
Chronic:	No evidence of long term health effects could be found. Potassium Sulphate is used as a food and feed additive.

FIRST AID

Swallowed:	Contact a doctor or the Poisons Information Centre immediately. If CONSCIOUS (do not give anything by mouth to unconscious patient) give 1 – 3 cups of water. Induce vomiting (Ipecac syrup or simulate throat with finger). Immediately transport to a hospital or doctor.
Eye:	Flood eyes with clean water for 15 minutes – retract eyelids often. If condition persists immediately transport to a hospital or doctor.
Skin:	Remove all contaminated clothing including footwear. Wash affected areas thoroughly with mild soap and water. If condition persists immediately transport to a hospital or doctor.
Inhaled:	Remove from contaminated area immediately; avoid becoming casualty. If NOT breathing apply artificial resuscitation. Experienced person may administer oxygen if breathing is difficult. Immediately transport to a hospital or doctor.
Advice to Doctor:	Toxicity is similar to sodium chloride.

PRECAUTIONS FOR USE

Exposure Standards:	Not established. Treat as for nuisance particulate: TLV:TWA:10 mg/m ³ :total dust or 5mg/m ³ :respirable dust.
Engineering Controls:	Provide local exhaust ventilation to reduce dust levels to less than permissible levels.
Personal Protection:	Ensure an eye bath is available. Ensure a safety shower is available. Dust mask, safety goggles, PVC gloves and boots, cotton overalls to protect skin and clothing. Wash contaminated clothing before reuse. Wash thoroughly after use and before eating or smoking.
Flammability:	Material is non-flammable.



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SAFE HANDLING INFORMATION

- Storage and Transport:** Transport or store in a dry place. No separation required for storage or transport. Store material in a well ventilated area.
- Spills and Disposal:** Avoid raising dust. Shovel into plastic container. If material is not contaminated reuse the material. For disposal (after treatment described herein) contact local Waste Disposal Authority before you dispose of the material.
- Fire/Explosion Hazard:** Will not burn or explode. Evolves toxic gases on decomposition. Evolves toxic fumes or sulphur oxides. Evacuate area – move upwind of fire. Summon Fire Brigade immediately, dial 000. Use equipment/media appropriate to surrounding conditions.
- Contact Point:** Research/Technical Officer
Manutec Pty Ltd
30 Jonal Drive
CAVAN SA 5094 Australia
Tel: +618 8260 2277
EMERGENCY ONLY: (24 hours) Poisons Information Centre 13 11 26

STATEMENT OF DISCLAIM

This Material Safety Data Sheet has been developed according to Worksafe Australia/NOHSC Guidelines.

All information is as accurate and up-to-date as possible. Since Manutec Pty Ltd cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Manutec Pty Ltd will not be responsible for damages of any nature resulting from use of or reliance upon the information.

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