



## **MATERIAL SAFETY DATA SHEET**

### **PRODUCT: SULPHATE OF AMMONIA**

**Date of Issue:** July 2014

**Manufacturer's Name and Address:**

MANUTEC PTY LTD  
30 Jonal Drive  
Cavan SA 5094 Australia

Tel: +618 8260 2277  
Fax: +618 8260 2399  
Email: [manutec@manutec.com.au](mailto:manutec@manutec.com.au)

### **PRODUCT IDENTIFICATION**

<b>Product Trade Name:</b>	Manutec Sulphate of Ammonia
<b>Other Names:</b>	Ammonium Sulphate
<b>Product Code:</b>	MBP0265/FAMMSUL
<b>UN Number:</b>	None allocated
<b>Hazchem Code:</b>	None allocated
<b>Dangerous Goods Class:</b>	None allocated
<b>Subsidiary Risk:</b>	None allocated
<b>Poisons Schedule:</b>	None allocated
<b>Use:</b>	Fertiliser

### **PHYSICAL DESCRIPTION/PROPERTIES**

<b>Appearance:</b>	Odourless off white to pale crystals.
<b>Boiling Point:</b>	No data.
<b>Melting Point:</b>	280 <sup>0</sup> C (decomposes)
<b>Vapour Pressure:</b>	No data.
<b>Specific Gravity:</b>	1.77
<b>Relative Vapour Density:</b>	No data
<b>Flash Point:</b>	No data
<b>Flammability Limits:</b>	No data
<b>Solubility:</b>	Soluble in water. Insoluble in organic solvents.

### **INGREDIENTS**

	<u>CAS No</u>	<u>Proportion</u>
Ammonium sulphate	7783-20-2	100%

**HEALTH HAZARD INFORMATION**

**HEALTH EFFECTS**

<b>Acute:</b>	Practically non-harmful by all routes of exposure. May be a skin irritant. Avoid generating and inhaling dusts.
<b>Swallowed:</b>	Practically non-harmful if swallowed. Reported lethal dose, LD <sub>50</sub> (rat) 3000 mg/kg. Reported lowest lethal dose LD <sub>10</sub> (human) 1500 mg/kg.
<b>Skin:</b>	May be a skin irritant.
<b>Eye:</b>	May be an eye irritant.
<b>Inhaled:</b>	Inhalation of dust may produce respiratory irritation.
<b>Chronic:</b>	No data.

**FIRST AID**

<b>Swallowed:</b>	Give water and milk to drink. DO NOT induce vomiting. If vomiting occurs give more water to achieve effective dilution. Seek medical assistance immediately.
<b>Eye:</b>	Irrigate eyes with copious quantities of water for at least 15 minutes. Seek medical advice if effect persists.
<b>Skin:</b>	Wash contaminated skin with plenty of water. Remove contaminated clothing. If swelling, redness or blistering occurs, seek medical advice.
<b>Inhaled:</b>	Remove victim from contaminated area. For all but the most minor symptoms, arrange for the patient to be seen by a doctor as soon as possible.
<b>First Aid Facilities:</b>	None specified.
<b>Advice to Doctor:</b>	Treat symptomatically.

**PRECAUTIONS FOR USE**

<b>Exposure Standards:</b>	None assigned by the National Occupational Health and Safety Commission. Exposure Standard for dusts not otherwise classified: 10 mg/m <sup>3</sup> inspirable dust. The exposure limit is the maximum time-weighted average airborne concentration for a normal eight hour work day to which nearly all workers can be exposed repeatedly without adverse effects. These exposure limits are issued as guidelines for good work practice. All atmospheric contamination should be kept to the lowest practicable level. Exposure limit data should not be used as fine lines to distinguish between safe and unsafe conditions.
<b>Engineering Controls:</b>	Use in a well ventilated area. Avoid inhalation of dusts.



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**Personal Protection:** Wear rubber or PVC gloves or overalls. If risk of dust exists, wear a dust mask suitable for inorganic dusts. Use bin no. 326409 disposable dust respirator Class "L" (P1) or bin no. 326410 disposable dust respirator Class "M" (P2)

**Flammability:** Not combustible.

### **SAFE HANDLING INFORMATION**

**Storage and Transport:** Store away from oxidising agent. Keep containers dry.

**Spills and Disposal:** Sweep up but avoid generating dust. Collect and seal in clean labelled drums for disposal. Wash down with excess water.

**Fire/Explosion Hazard:** Not combustible. Decomposes on heating, emitting toxic gases. Fire-fighters to wear self-contained breathing apparatus if there is a risk of exposure to vapour or products of combustion.

**Contact Point:** Research/Technical Officer  
Manutec Pty Ltd  
30 Jonal Drive  
CAVAN SA 5094 Australia  
Tel: +618 8260 2277  
EMERGENCY ONLY: (24 hours) 13 1126

### **STATEMENT OF DISCLAIMER**

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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