



ChemAg

MATERIAL SAFETY DATA SHEET

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CHEMAG SUSTAIN 500

CHEMICAL ENTITY	CAS No	PROPORTION (%)
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Ammonium Sulphate	7783-20-2	50% w/v
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Hazchem Code	Non Allocated
UN No	None Allocated
Dangerous Goods Class	None Allocated
Sub Risk Class	No Subsidiary Risk
Packaging Group	None Allocated
EPG	None Allocated
Poison Schedule	None Allocated

PHYSICAL APPEARANCE AND PROPERTIES

Appearance and Odour:	Colourless Liquid
Melting/softening point	< 0° C
Boiling point	> 100° C
Vapour pressure	not determined
Volatile materials	50% water
Flash point	
Specific gravity:	1.19 approx
Solubility	Completely soluble in water

HEALTH HAZARD DATA

ACUTE EFFECTS

<u>Swallowed:</u>	Not considered a serious hazard due to low toxicity.
<u>Eye:</u>	May be an eye irritant if contact is prolonged or excessive.
<u>Skin:</u>	The concentrate can cause possible damage if contact is prolonged or excessive. Skin absorption – moderate hazard exists.
<u>Inhalation:</u>	Not considered a hazard, although inhalation of spray mist should be avoided.
<u>Chronic Effects:</u>	No chronic effects have been documented.

FIRST AID

<u>Swallowed:</u>	If swallowed induce vomiting. Use Ipecac Syrup (APF) if available.
<u>Eye:</u>	Irrigate with copious quantities of water for 15 minutes with eyelids held open.
<u>Skin:</u>	Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use.
<u>Inhalation:</u>	Remove to fresh air until recovered.
<u>Advice to Doctor:</u>	Treat symptomatically.
<u>Toxicity Data:</u>	Ammonium Sulphate Moderately toxic by several routes. LDLO (oral, man) 1500mg/Kg LD50 (oral, rat) 3000mg/Kg

PRECAUTIONS FOR USE

Exposure Standards:

No value assigned for this specific material by the National Occupational Health & Safety Commission (Worksafe Australia)

Engineering Controls:

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protection:

Avoid eye and repeated or prolonged skin contact. Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet.

Flammability: NA

Environment:

Do not contaminate ponds, dams, waterways or ditches with product or used container. When empty, dispose of the container in an approved manner. Do not use the container for any other purpose.

SAFE HANDLING INFORMATION

Storage and Transport:

Store in the original container tightly closed in a safe place.

Not defined as a Dangerous good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Packaging and Labelling:

Keep out of reach of Children.

Read Safety directions before using.

The product has been assessed according to the work-safe criteria for classifying hazardous substances and is classified as not hazardous.

Spills and Disposals:

Contain spill and absorb with sand or proprietary absorbent (vermiculite). Prevent from entering drains, waterways or sewers. Collect in sealed open top containers for disposal.

Note: Ammonium Sulphate is used widely as a fertiliser. Small spillage's can be diluted with water and worked into the soil.

Fire/Explosion Hazard:

The active ingredient decomposes in heat to form toxic fumes of nitrogen, sulphur oxides and ammonia. Breathable air apparatus may have to be worn if material is involved in fires especially in confined spaces.

Reactivity Data:

Polymerisation is not possible.

The addition of a strong alkali such as caustic soda will result in the evolution of ammonia vapour which is irritating to eyes and lungs

OTHER INFORMATION

IN CASE OF EMERGENCY:

DIAL 000

IF INEFFECTIVE:

PHONE POISONS INFORMATION CENTRE

(Phone: 131126)