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Whitfert Material Safety Data Sheet MAP

STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of WorkSafe Australia

COMPANY DETAILS

Company	Whitfert
Address	54 Beach Street Kwinana
Telephone Number	(08) 9419 9999
Emergency Telephone Number	1800 654 089 (Not 24 Hours: 7am–5pm)

IDENTIFICATION

Product Name	Monoammonium Phosphate
Other Names	Primary Ammonium Phosphate, MAP
Product Code	No Product Code allocated
U.N. Number	No UN number allocated
Dangerous Goods Class	No Dangerous Goods Class allocated
Subsidiary Risk	No Subsidiary Risk allocated
Hazchem Code	No Hazchem Code allocated
Packing Group	No Packing Group allocated
Poisons Schedule Number	No Poisons Schedule Number allocated
Use	Fertiliser

PHYSICAL DESCRIPTION/PROPERTIES

Appearance	White crystalline anhydrous, odourless
Boiling Point	N/A
Melting Point	190 deg C
Vapour Pressure	N/A
Specific Gravity	N/A
Flash Point	N/A
Flammability Limits	N/A
Solubility in Water	650 g/l (25 deg C)

OTHER PROPERTIES

Corrosiveness	N/A
Reactivity With Common Substances	N/A
Solubility in organic solvents	Not soluble in acetone or alcohol
Ph of 10% solution	4.41 (1% solution)
Bulk Density	Relative density: 1.803 Begins to decompose at 120 deg C

INGREDIENTS

Major		
Chemical Entity	Proportion (%wt/wt)	C.A.S. No.
Monoammonium Phosphate	99% minimum	7722-76-1

Minor		
Chemical Entity	Proportion (%wt/wt)	C.A.S. No.



HEALTH HAZARD INFORMATION

HEALTH EFFECTS – ACUTE -	
Swallowed	Ingestion may cause severe irritation of mouth and digestion system.
Eye Contact	Contact with solution may injure eyes.
Skin Contact	Contact with skin will result in irritation.
Inhaled	Inhalation of dust will result in respiratory irritation
HEALTH EFFECTS – CHRONIC – Irritant to skin. Severe irritant to eyes, permanent damage to occur.	

FIRST AID	
Swallowed	If swallowed, give water to drink. Do not induce vomiting. Seek medical assistance. A physician or Poison control Centre can be contacted for advice. Wash heavily contaminated clothing before reuse..
Eye Contact	If contact with eyes occurs, immediately irrigate with copious quantities of water for at least 10 minutes. Eyelids to be held open. Seek immediate medical assistance.
Skin Contact	Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before re-use.
Inhaled	Remove to fresh air. If no breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.
First Aid Facilities	Treat symptomatically based on judgement of doctor and individual reactions of patients.
Advice to Doctor	Treat symptomatically

PRECAUTIONS FOR USE

Exposure standards	There are no specific exposure limits available.
Engineering controls	Provide natural or mechanical ventilation to minimise exposure, If practical use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.

PERSONAL PROTECTION

Respirator type (AS 1716)	Appropriate respirators may be full face piece or a half mask air-purifying cartridge respirator with particulate filters, self contained breathing apparatus in the pressure demand mode, or a supplied air respirator.
Eye protection	Chemical safety glasses can be worn to help prevent contact with the eyes.
Glove type	PVC gloves can be worn to prevent skin contact.
Clothing	Long sleeve shirt buttoned to the top and long trousers to help prevent skin contact, with rubber boots.
Personal Hygiene	Ensure clothing is washed and personal protective equipment replaced or washed before reuse if contaminated. Wash hands and face after handling and before work breaks when



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	handling food, smoking or toilet breaks, etc.
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FLAMMABILITY	
Fire Hazards	Monoammonium Phosphate Fertilisers are not flammable and do not support combustion.

SAFE HANDLING INFORMATION

STORAGE & TRANSPORT	
Location	Store in a well ventilated, cool and dry area. Contact with moisture must be avoided for it can cause handling difficulty. Ensure machinery is cleaned thoroughly after use, do not leave in machinery overnight.
Storage incompatibilities	Store away from oxidizing agent, alkalis, nitrates, hypochlorites, metallic powders, strong acids and permanganates.
Dangerous Goods class	No Dangerous Goods Class Allocated
Subsidiary Risk	No Subsidiary Risk Allocated
Special Transport Requirements	Keep away from oxidizing agent, alkalis, nitrates, hypochlorites, metallic powders, strong acids and permanganates.

SPILLS AND DISPOSAL	
Minimising Spill / leak	Spills should be swept and cleaned up immediately. Prevent run off into water ways and drainage systems.
Clean Up Methods	Depending on the size of the spill, clean up will involve sweeping up and loading into a truck or container. All material should be gathered up and shovelled into approved waste containers for later disposal move containers from spill area. Wash residue with water. Keep out of sewers and storm drains. Dispose of contaminated product and material. Review national, regional and local government requirements prior to disposal.
Precautions for Clean Up Crew	Clean Up crew should wear P2 type dust masks, PVC gloves, chemical safety goggles and long sleeve shirts and trousers.
Specialised Equipment for Clean Up	Depending on the size of the spillage, a front end loader may be required for clean up.

FIRE AND EXPLOSION HAZARD	
Hazards of use / storage	When Monoammonium Phosphate Fertilisers and alkalis are mixed together Ammonia may be released. A spontaneously explosive mixture may be formed if mixed with swimming pool chlorine, for example calcium hypochlorite and sodium hypochlorite.
Dangerous Decomposition or Combustion Products	When heated to decomposition, oxides of nitrogen, oxides of phosphorous and ammonia may be expelled.
Fire Fighting recommendations	Monoammonium Phosphate Fertilisers are not combustible.
Types of Extinguishers	Monoammonium Phosphate Fertilisers are not combustible.
Fire Fighting Agents	Monoammonium Phosphate Fertilisers are not



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	combustible.
Hazchem Code	No Hazchem Code allocated for Monoammonium Phosphate Fertilisers.

OTHER INFORMATION

No Other Information available.

CONTACT INFORMATION

Organisation	Location	Person	Telephone
Whitfert	54 Beach Street Kwinana WA	Safety administrator	(08) 9419 9999
Poisons Information Centre	Subiaco WA	Duty officer	13 11 26

DISCLAIMER

As the ordinary or otherwise use(s) of this product is outside the control of Whitfert, no representation or warranty, expressed or implied, is made as to the effect (s) of such use(s), (including damage or injury), or the results obtained. Users of the product should ensure they read this Material Safety Data Sheet and endeavour to understand the information in regard to how the product will be handled and used in the work place, particularly in conjunction with other products. This Material safety Data Sheet summarises our best knowledge of the health and safety hazard information of the practices involved in safely handling the product in the work place. If Additional information or further explanations of safety procedures are required to take the appropriate safety precautions, the handler can contact Whitfert on (08) 9419 9999.