

EMERGENCY INFORMATION AND STORAGE GUIDE / DANGEROUS GOODS DECLARATION

MANGANESE SULPHATE fertiliser additive

Substance: Pale red crystalline material containing 100% manganese sulphate monohydrate

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (manganese sulphate monohydrate)

UN. No:	DG Class:	Subsidiary Risk Class:	Packing Group:	Flash Point (°C):	HAZCHEM:	Marine Pollutant:	Land Transport Schedule Exemption Quantity:
3077	9	None	III	n/a	2Z	Yes	1,000 kg

HSNO Classifications:	[Approval No: HSR002571]	Tracking Required:	Approved Handler:	IER Guide No:
6.1D, 6.9A, 9.1B, 9.3C		No	No	47

EMERGENCY PROCEDURES

24 HOUR ADVICE IN AN EMERGENCY ONLY: 0800 243 622

IF THIS HAPPENS	DO THIS
Tanker/Vehicle Accident	Switch off engine and electrical equipment. Keep people away, warn other traffic. Check for spills, leaks. Call emergency services: Dial 111
Spill or leak	Do NOT touch or walk through spilled material. Wear PVC overalls, chemical resistant gloves, facemask or goggles. Stop leak if safe to do so. Prevent entry into waterways, drains, or confined areas. Absorb spilled product and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal. Report large spills to Emergency Services at 0800 CHEMCALL (0800 243 622)
Fire	Call the Fire Service: Dial 111. Fumes and combustion products produced in a fire may be toxic and/or irritating. Small Fire: Use dry chemical, CO ₂ , water spray or foam. Large fire: Use water fog, foam, or dry agent. If possible, use foam blanket to contain product. Avoid using AFFF. If safe to do so, move undamaged containers from fire area.

FIRST AID

If Swallowed:	Do not induce vomiting. Immediately contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor and / or transport to nearest Hospital emergency ward. Take this Product Safety Card to the phone, doctor or Hospital.
If in Eyes:	Flush eyes thoroughly with running water for 15 minutes. Remove contact lenses. If effects continue, consult a doctor or the National Poisons Centre 0800 POISON (0800 764 766)
If on Skin:	Remove contaminated clothing and flush skin with running water. Do not scrub the skin.
If Inhaled:	If safe to do so, remove patient to fresh air. If not breathing, give artificial respiration, preferably mouth-to-nose. Get medical attention if symptoms develop.

STORAGE AND SEGREGATION

Storage: Store in tightly closed original container in a cool, dry well-ventilated area out of direct sunlight when not in use. This product can be stored in an unheated building. Do not store with food, feedstuffs and seeds. See product label for further handling / storage precautions relative to the end use of this product.

Aggregate Storage Volume Thresholds: When stored with substances of the same hazard the aggregate quantity must be considered. For full details refer to the current NZS8409 Management of Agrichemicals or the Hazardous Substances Regulations.

Location Certificate:	Hazardous Atmosphere Zone: [Closed packs]	Number of Fire Extinguishers:	Hazard Class & Emergency Action Signage:	Emergency Information:	Emergency Plan:	Secondary Containment:
n/a	n/a	n/a	1,000 kg	0.5 kg	1,000 kg	n/a

Note: Farms ≥ 4ha are exempt but with controls

DO NOT Transport * with: Class 1 explosives. Special exemption applies to 1.4S Ammunition	Segregate in stores from: HSNO Class 1, 2, 3.2, 4 or 5 substances.
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* Check the Land Transport Rule Dangerous Goods 2005, Rule 45001 for additional information. Refer NZS 5433, for segregation details.

No & Kind of Packages:	Gross Wgt:	Kg	Volume:	m ³
Consignor:	Consignee:			
Dangerous Good Declaration: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport according to the applicable international and national rules, regulations and legislation.	Name: Title: Signature: Date:			

DISCLAIMER: The information provided above is based upon sources believed to be accurate. However, Ravensdown Fertiliser Co-operative Limited assumes no responsibility for the accuracy, completeness or suitability of this information. The consignor and consignee are responsible to determine the suitability of this information for their particular purposes.

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0800 100 123 www.ravensdown.co.nz