



# SAFETY DATA SHEET

## MANGANESE SULPHATE

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

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**PRODUCT NAME:** MANGANESE SULPHATE  
**CHEMICAL NAME 2:** MANGANOUS SULPHATE, MANGANESE(II) SULPHATE  
**PART No.:** RM115  
**SUPPLIER:** J M Loveridge plc  
Southbrook Road, Southampton  
Hampshire  
SO15 1BH  
Tel: 023 8022 2008  
Fax: 023 8022 2117

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

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**EU INDEX No.:** 025-003-00-4  
**EEC (EINECS) No.** 232-089-9  
**CAS No.:** 7785-87-7

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### 3. HAZARDS IDENTIFICATION:

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Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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### 4. FIRST AID MEASURES:

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**GENERAL:** IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION

**INHALATION:** Move affected person from exposure. If recovery not rapid or complete seek medical attention.

**INGESTION:** DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Only when conscious, rinse mouth with plenty of water and give plenty of water to drink - (approx 500ml). Keep patient at rest and obtain medical attention.

**SKIN:** Remove contaminated clothing. Wash affected area with plenty of soap and water. If irritation persists, seek medical attention. Launder clothing before re-use.

**EYES:** Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse.

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**5. FIRE FIGHTING MEASURES:**

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<b>EXTINGUISHING MEDIA:</b>	Non combustible or flammable and normally not a fire risk. Use extinguishing media suitable against surrounding fire or the cause of fire.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Take measures to retain water used for extinguishing. Do not release contaminated water into drains, soil and surface water. Dispose of contaminated water and soil according to local regulations.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Toxic or corrosive vapours may be released in fire situation. - sulphur oxides fumes.
<b>PROTECTIVE MEASURES IN FIRE:</b>	Fire fighters should wear self-contained breathing apparatus.

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**6. ACCIDENTAL RELEASE MEASURES:**

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<b>PERSONAL PRECAUTION IN SPILL:</b>	Avoid direct contact with skin, eyes and clothing. Wear appropriate protective clothing.
<b>PRECAUTIONS TO PROTECT ENVIRONMENT:</b>	Prevent material from entering drains or water courses. Advise the Environment Agency or relevant local authority if contamination of soil or water systems occurs.
<b>SPILL CLEANUP METHODS:</b>	Cover spillage with damp inert material, take-up or collect and place into a suitable closable labelled container for disposal. Wash the area clean with water and detergent, observing environmental requirements.

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**7. HANDLING AND STORAGE:**

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<b>USAGE PRECAUTIONS:</b>	<b>HANDLING</b> - Product should be used in accordance with good industrial principles for handling and storing of hazardous chemicals. Do not eat, drink or smoke while handling this material. Wash hands and face thoroughly after working with the material. Contaminated clothing should be removed and laundered before re-use.
<b>STORAGE PRECAUTIONS:</b>	Store in a cool, dry, well ventilated place, in securely closed original container.
<b>STORAGE CRITERIA:</b>	Chemical storage.

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**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:**

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<b>INGREDIENT NAME:</b>	<b>CAS No.:</b>	<b>STD</b>	<b>LT EXP 8 Hrs</b>	<b>ST EXP 15 Min</b>
MANGANESE SULPHATE	7785-87-7	OES	5 mg/m3	

<b>INGREDIENT COMMENTS:</b>	Refer to the current edition of HSE Guidance Note EH 40/200* for occupational exposure limits; - listed as Manganese and compounds (as Mn).
<b>VENTILATION:</b>	Provide adequate general and local exhaust ventilation.
<b>RESPIRATORS:</b>	If unable to control dust emissions below OES limits, an approved dust protection to P2 level of protection is recommended.
<b>PROTECTIVE GLOVES:</b>	Use protective gloves.
<b>EYE PROTECTION:</b>	Wear approved safety goggles.
<b>OTHER PROTECTION:</b>	Wear protective clothing and closed footwear. Wear personal protective equipment appropriate to the quantity of material handled.

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### 13. DISPOSAL CONSIDERATIONS:

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**DISPOSAL METHODS:** This material and/or its container must be disposed of as hazardous waste according to Special Waste Regulations 1996 or according to local regulations, in compliance with Duty of Care Regulations and Special Waste Regulations.

**WASTE CLASS:** WASTE CODE: 0705\*\* HAZARDOUS PROPERTY: H5, H14

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### 14. TRANSPORT INFORMATION:

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**GENERAL:** Not classified as hazardous for transport.

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### 15. REGULATORY INFORMATION:

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**LABEL FOR SUPPLY:**



**RISK PHRASES:** R-48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.  
R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**SAFETY PHRASES:** S-2 Keep out of reach of children.  
S-22 Do not breathe dust.  
S-61 Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.

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### 16. OTHER INFORMATION:

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**INFORMATION SOURCES:** This product has been classified in accordance with CHIP3 regulations.

**REVISION COMMENTS:** Edition 01; Revised item(s):

**ISSUED BY:** MK

**SDS No.:** 289

**DATE:** 12/07/02

**DISCLAIMER:** The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this Data Sheet is to the best of JMLs knowledge correct at the time of publication. Customers should always satisfy themselves, that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulations. For any further information, please contact the supplier.

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