

## MANGANESE (II) SULPHATE MONOHYDRATE AR

PRODUCT CODE	569075	
SYNONYMS	Manganous sulphate	
C.I. NO.	--	
CASR NO.	(10034-96-5)	
ATOMIC OR MOLECULAR FORMULA	MnSO <sub>4</sub> .H <sub>2</sub> O	MnSO <sub>4</sub> .H <sub>2</sub> O
ATOMIC OR MOLECULAR WEIGHT	169.01	
PROPERTIES	Insoluble in alcohol.	
PARAMETER	LIMIT	
Description	Light pink coloured crystalline powder.	
Solubility	33.3mg Soluble in 1 ml of water.	
Identification	Passes test.	
Minimum Assay (Complexometric)	99.0%	
pH (of 5% aq. soln.)	3.5 - 5.0	
MAXIMUM LIMIT OF IMPURITIES		
Loss on ignition (at 500°C)	10 – 12%	
Water insoluble matter	0.01%	
Chloride (Cl)	0.001%	
Copper (Cu)	0.0005%	
Iron (Fe)	0.001%	
Heavy metals (as Pb)	0.002%	
Substances reducing iodine (I)	0.01%	
Substances reducing permanganate (O)	0.001%	
Note(s) : Assay (if applicable) method mentioned.		
<b>WARNING</b> <b>Hazard statements:</b> Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation. Toxic to aquatic life with long lasting effects <b>Precautionary statements</b> <b>Prevention:</b> Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/ spray. Avoid breathing dust/fume/gas/mist/ vapours/spray. <b>Response:</b> IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Get medical advice/attention if you feel unwell. Specific treatment: refer to Label or MSDS.		IMDG Code : 9/III UN No. : 3077 IATA : 9.0
<b>Disposal:</b> Dispose of contents and container in accordance with relevant legislation.		
Hazard pictogram(s) :		
<div><div> GHS07</div><div> GHS08</div><div> GHS09</div></div>		

Replace date 25-Sep-2025