

MANGANESE DIOXIDE AR

PRODUCT CODE	569015	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	1313-13-9	
ATOMIC OR MOLECULAR FORMULA	MnO ₂	MnO ₂
ATOMIC OR MOLECULAR WEIGHT	86.94	
PROPERTIES	Insoluble in water, nitric acid or cold sulphuric acid. Strong oxidizer.	
PARAMETER	LIMIT	
Description	A fine black dense powder.	
Solubility	Insoluble in water.	
Minimum Assay (Iodometric)	80.0%	
MAXIMUM LIMIT OF IMPURITIES		
Acid insoluble matter	0.5%	
Chloride (Cl)	0.05%	
Sulphate (SO ₄)	1.2%	
Iron (Fe)	0.1%	
Lead (Pb)	0.09%	
Loss on drying (105°C)	3%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code : UN No. : IATA :
Hazard statements: Harmful if swallowed. May cause allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.		
Precautionary statements		
Prevention: Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours /spray. Do not eat, drink or smoke when using this product. Contaminated clothing should not be allowed out of the workplace.		
Response: If skin irritation or rash occurs, seek medical advice/attention. Get medical advice/attention if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. Wash contaminated clothing before reuse.		
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company. The waste chemical should be buried on a stage approved site .The liquids should be absorbed on sand.		
Hazard Pictogram(s) :-		
<div><div> GHS07</div><div> GHS08</div></div>		

Replace Date 29-Jan-2026