

## MANGANESE

INGREDIENTS	CAS NO	%	8HR OEL
manganese	7439-96-5	>99	1 mg/m3



UN No: 3208  
 Hazchem Code: 4W  
 DG Class: 4.3  
 Subsidiary Risk: **Not Applicable**  
 Packing Group: II  
 Poisons Schedule: **Not Applicable**



## NFPA Rating:

- ▶ 0: Minimum
- ▶ 1: Low
- ▶ 2: Moderate
- ▶ 3: High
- ▶ 4: Extreme

## HEALTH HAZARD INFORMATION

## PRECAUTIONS FOR USE



<b>Glasses:</b>	Safety Glasses. Consider chemical goggles.
<b>Respirator:</b>	Particulate. (AS/NZS 1716 & 1715, EN 143:000 & 149:001, ANSI Z88 or national equivalent)
<b>Storage and Transportation:</b>	Store in cool, dry, protected area. Keep out of reach of children. Keep container tightly closed. Keep container dry.
<b>Fire/Explosion Hazard:</b>	HIGHLY FLAMMABLE. Toxic smoke/fumes in a fire. Reacts with water. In case of fire and/or explosion, DO NOT BREATHE FUMES.

## PROPERTIES



Solid.

Does not mix with water.

Sinks in water. Highly flammable.

Contact with water liberates extremely flammable gases.

## EMERGENCY



## FIRST AID

<b>Swallowed:</b>	Give water (if conscious). Seek medical advice.
<b>Eye:</b>	Wash with running water.
<b>Skin:</b>	Wash with soap
<b>Inhaled:</b>	Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.
<b>Advice To Doctor:</b>	Supportive care. "metal fume fever". Remove from exposure. Treatment is supportive. Supportive care.
<b>Fire Fighting:</b>	Foam. Dry agent. Do NOT fight fire with BCF extinguisher. Do NOT fight fire with water.
<b>Spills and Disposal:</b>	Eliminate ignition sources. Avoid dust. Prevent from entering drains. Contain spillage by any means. Sweep shovel to safe place. Never spray with water. This material and its container must be disposed of in a safe way.

## SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Explosive	Toxic	Radioactive	Oxidizing
x	x	x	x

x — Must not be stored together