

MANGANESE SULFATE, HYDRATE

INGREDIENTS	CAS NO	%	8HR OEL
manganese sulfate, hydrate	10034-96-5	>95	1 mg/m3



UN No: 3077
 Hazchem Code: 2Z
 DG Class: 9
 Subsidiary Risk: **Not Applicable**
 Packing Group: III
 Poisons Schedule: **Not Applicable**



NFPA Rating:

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

HEALTH HAZARD INFORMATION



Acute Health Effects:

Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

Chronic Health Effects:

Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

* – limited evidence

PRECAUTIONS FOR USE



Appropriate engineering controls:

Local Exhaust Ventilation recommended.

Glasses:

Consider chemical goggles.

Respirator:

Particulate. (AS/NZS 1716 & 1715, EN 143:000 & 149:001, ANSI Z88 or national equivalent)

Storage and Transportation:

Store in cool, dry, protected area.
 Restrictions on Storage apply. Refer to Full Report.
 Dispose of this material and its container at hazardous or special waste collection point.
 Keep out of reach of children.

Fire/Explosion Hazard:

Toxic smoke/fumes in a fire.
 Dispose of this material and its container at hazardous or special waste collection point.

Environment:

Toxic to aquatic organisms.
 May cause long-term adverse effects in the aquatic environment. Use appropriate container to avoid environmental contamination.
 Avoid release to the environment. Refer to special instructions/Safety data sheets.

PROPERTIES



Solid.
 Mixes with water. Does not burn.

EMERGENCY



FIRST AID

Swallowed: Give water (if conscious). Seek medical advice.

Eye: Wash with running water (15 mins). Medical attention.

Skin: Wash with soap

Inhaled: Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.

Advice To Doctor: Supportive care.

Fire Fighting: Keep containers cool.
 Keep surrounding area cool. Water spray/fog.

Spills and Disposal: Pollutant.
 Avoid dust.
 Prevent from entering drains.
 Contain spillage by any means.
 Sweep shovel to safe place.
 Dispose of this material and its container at hazardous or special waste collection point.
 This material and its container must be disposed of in a safe way.
 To clean the floor and all objects contaminated by this material, use water.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Flammable Explosive Radioactive Oxidizing

x x x x

x — Must not be stored together