

Hach Molybdovanadate Reagent

INGREDIENTS	CAS NO	%	8HR OEL
sulfuric acid	7664-93-9	35-45	1 mg/m3
ammonium molybdate	13106-76-8	1-5	5 mg/m3
ammonium metavanadate	7803-55-6	<1	-
water	7732-18-5	50-60	-



UN No: **3264**
 Hazchem Code: **2X**
 DG Class: **8**
 Subsidiary Risk: **Not Applicable**
 Packing Group: **III**
 Poisons Schedule: **S6**



NFPA Rating:

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

HEALTH HAZARD INFORMATION



Acute Health Effects:

Toxic by inhalation.
 Causes severe burns.
 Risk of serious damage to eyes.
 May cause SENSITISATION by skin contact.

Chronic Health Effects:

Danger of cumulative effects.
 May cause CANCER by inhalation.
 * – limited evidence

PRECAUTIONS FOR USE



Appropriate engineering controls:

Local Exhaust Ventilation recommended.

Glasses:

Consider full face-shield.

Gloves:

1.NEOPRENE 2.NATURALRUBBER

Respirator:

Type E-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Storage and Transportation:

Store in cool, dry, protected area.
 Restrictions on Storage apply. Refer to Full Report.

Fire/Explosion Hazard:

Toxic smoke/fumes in a fire.
 Attacks metals to liberate hydrogen.

Environment:

Harmful to aquatic organisms.Use appropriate container to avoid environmental contamination.

PROPERTIES



Mixes with water.
 Corrosive.
 Acid.Does not burn.

EMERGENCY



FIRST AID

Swallowed:

Give water (if conscious). URGENT MEDICAL ATTENTION.

Eye:

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

Skin:

Flood body with water. Remove contaminated clothing. Wash with water

Inhaled:

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

Advice To Doctor:

Airway problems - 100% O2. Treat burns as thermal. Retract eyelids - irrigate 30 mins. Retract eyelids/ Irrigate 30 mins.

Fire Fighting:

Keep surrounding area cool. Water spray/fog.

Spills and Disposal:

Prevent from entering drains.
 Contain spillage by any means.
 Neutralize with soda ash/ lime.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Flammable

x



Explosive

x



Radioactive

x



Oxidizing

x

x — Must not be stored together