

LabChem Vanadate-Molybdate Reagent

INGREDIENTS	CAS NO	%	8HR OEL
ammonium molybdate	13106-76-8	2.5	5 mg/m3
hydrochloric acid	7647-01-0	13.66	N/A
ammonium metavanadate	7803-55-6	0.13	-
water	7732-18-5	83.71	-



UN No: 1789
 Hazchem Code: 2R
 DG Class: 8
 Subsidiary Risk: **Not Applicable**
 Packing Group: II
 Poisons Schedule: S6



NFPA Rating:

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

HEALTH HAZARD INFORMATION



Acute Health Effects:

Harmful by inhalation.
 Irritating to eyes.
 Irritating to respiratory system.
 Irritating to skin.
 May cause SENSITISATION by skin contact.

Chronic Health Effects:

Danger of cumulative effects.
 * – limited evidence

PRECAUTIONS FOR USE



Appropriate engineering controls:

Local Exhaust Ventilation recommended.

Glasses:

Consider full face-shield.

Gloves:

1.HYPALON 2.NEOPRENE/NATURAL

Respirator:

Type B-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. Use only in well ventilated areas. Dispose of this material and its container at hazardous or special waste collection point. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.

Fire/Explosion Hazard:

Toxic smoke/fumes in a fire. Attacks metals to liberate hydrogen. Use only in well ventilated areas. Dispose of this material and its container at hazardous or special waste collection point.

Environment:

Harmful to aquatic organisms.

PROPERTIES



Liquid. 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:

Absorb with dry agent. Dilute with water. Neutralize with soda ash/ lime. Stop leak if safe to do so. Use only in well ventilated areas. 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



Explosive



Radioactive

x x
 x — Must not be stored together