

## VHG Cadmium Standard In Nitric Acid At 1000 ppm

INGREDIENTS	CAS NO	%	8HR OEL
nitric acid	7697-37-2	5	5.2 mg/m3
cadmium	7440-43-9	~1	0.01 mg/m3
water	7732-18-5	>60	-



UN No: 3264  
 Hazchem Code: 2X  
 DG Class: 8  
 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.  
 Harmful in contact with skin and if swallowed.  
 Toxic by inhalation.  
 Causes burns.  
 Risk of serious damage to eyes.  
 Possible risk of irreversible effects.

## Chronic Health Effects:

May cause CANCER.  
 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.  
 \* – limited evidence

## PROPERTIES



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

## EMERGENCY



## FIRST AID

<b>Swallowed:</b>	Give water (if conscious). URGENT MEDICAL ATTENTION.
<b>Eye:</b>	Wash with running water (15 mins). Medical attention.
<b>Skin:</b>	Flood body with water. Remove contaminated clothing. Wash with water
<b>Inhaled:</b>	Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.
<b>Advice To Doctor:</b>	Airway problems - 100% O2. Treat burns as thermal. Retract eyelids - irrigate 30 mins. Retract eyelids/ Irrigate 30 mins.
<b>Fire Fighting:</b>	Keep surrounding area cool. Water spray/fog.
<b>Spills and Disposal:</b>	Prevent from entering drains. Contain spillage by any means. Absorb with dry agent. Neutralize with soda ash/ lime. Stop leak if safe to do so. 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.

## PRECAUTIONS FOR USE



## Appropriate engineering controls:

Local Exhaust Ventilation recommended.

## Glasses:

Consider full face-shield.

## Gloves:

1.HYPALON 2.NEOPRENE/NATURAL

## Respirator:

Type AE-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.  
 Dispose of this material and its container at hazardous or special waste collection point.  
 Keep locked up.  
 Keep out of reach of children.  
 Keep away from living quarters.  
 Keep away from food, drink and animal feeding stuffs.

## Fire/Explosion Hazard:

Attacks metals to liberate hydrogen.  
 Dispose of this material and its container at hazardous or special waste collection point.  
 In case of fire and/or explosion, DO NOT BREATHE FUMES.

## Environment:

Harmful to aquatic organisms.  
 May cause long-term adverse effects in the aquatic environment.

## SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

Flammable	Explosive	Radioactive	Oxidizing
x	x	x	x

x — Must not be stored together