

## High-Purity 10M33-1 Mercury (10,000microg/mL in 10% HNO3)

INGREDIENTS	CAS NO	%	8HR OEL
ELEMENTAL MERCURY	7439-97-6	1	0.025 mg/m3
NITRIC ACID	7697-37-2	10	5.2 mg/m3
Phosphate Standard Solution 500 mg/l as PO4	7732-18-5	balance	-



UN No: 3264  
 Hazchem Code: 2X  
 DG Class: 8  
 Subsidiary Risk: None  
 Packing Group: II  
 Poisons Schedule: Not Applicable



## NFPA Rating:

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

## HEALTH HAZARD INFORMATION



## Acute Health Effects:

Harmful by inhalation.  
 Very toxic in contact with skin.  
 Very toxic if swallowed.  
 Causes severe burns.  
 Risk of serious damage to eyes.

## Chronic Health Effects:

Danger of cumulative effects.  
 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
 May cause harm to the unborn child.

\* – limited evidence

## 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 breathing 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. 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:

General Exhaust Ventilation adequate.

## Glasses:

Consider full face-shield.

## Gloves:

1.BUTYL 2.NEOPRENE 3.HYPALON

## Respirator:

Type EHG-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:

Toxic smoke/fumes in a fire. 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.

## SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

			
Flammable	Explosive	Radioactive	Oxidizing
x	x	x	x

x — Must not be stored together