

## SULFURIC ACID FUMING

INGREDIENTS	CAS NO	%	8HR OEL
sulfuric acid fuming	8014-95-7	-	-



UN No: 1831  
 Hazchem Code: 4WE  
 DG Class: 8  
 Subsidiary Risk: 6.1  
 Packing Group: I  
 Poisons Schedule: S6



## NFPA Rating:

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

## PROPERTIES



Liquid.

Corrosive.

Acid. Contact with combustible material may cause fire.

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>	Do NOT fight fire with water.
<b>Spills and Disposal:</b>	Consider evacuation. Prevent from entering drains. Contain spillage by any means. Absorb with dry agent. Neutralize with soda ash/ lime. Never spray with water. Stop leak if safe to do so.

## SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

Flammable	Explosive	Toxic	Radioactive	Oxidizing
x	x	x	x	x

x — Must not be stored together

## HEALTH HAZARD INFORMATION



## Acute Health Effects:

Very toxic by inhalation.  
 Causes severe burns.  
 Irritating to respiratory system.  
 Risk of serious damage to eyes.

## Chronic Health Effects:

May cause CANCER by inhalation.  
 \* – limited evidence

## PRECAUTIONS FOR USE



## Appropriate engineering controls:

Local Exhaust Ventilation recommended.

## Glasses:

Consider chemical goggles.  
 Consider full face-shield.

## Respirator:

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

## Storage and Transportation:

Restrictions on Storage apply. Refer to Full Report.

## Fire/Explosion Hazard:

Vapours/gas heavier than air.  
 Toxic smoke/fumes in a fire.  
 Attacks metals to liberate hydrogen.  
 Reacts VIOLENTLY with water.