

## Hach Digestion Solution for COD 0-150 ppm Range

INGREDIENTS	CAS NO	%	8HR OEL
sulfuric acid	7664-93-9	80-90	1 mg/m3
silver sulfate	10294-26-5	0.5-3	-
mercuric sulfate	7783-35-9	0.1-1	-
chromic acid solution	7738-94-5	0.01-0.1	-



UN No: 1830  
 Hazchem Code: 2P  
 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:

Very toxic 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.  
 May cause heritable genetic damage.  
 May cause CANCER by inhalation.  
 \* – limited evidence

### PRECAUTIONS FOR USE



#### Appropriate engineering controls:

Local Exhaust Ventilation recommended.

#### Glasses:

Consider full face-shield.

#### Gloves:

1.NATURAL, NEOPRENE 2.NITRILE

#### 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. 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.

### PROPERTIES



Liquid. Mixes with water. Corrosive. Acid.R08HAG80

### 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. 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

Flammable	Explosive	Toxic	Radioactive	Oxidizing
x	x	x	x	x

x — Must not be stored together