

## Hach Digestion Solution For COD

INGREDIENTS	CAS NO	%	8HR OEL
sulfuric acid	7664-93-9	45-55	1 mg/m <sup>3</sup>
mercuric sulfate	7783-35-9	0-1	0.025 mg/m <sup>3</sup>
silver sulfate	10294-26-5	0-1	0.01 mg/m <sup>3</sup>
chromium trioxide	1333-82-0	0-1	0.05 mg/m <sup>3</sup>



UN No: 1760  
 Hazchem Code: 2X  
 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.  
 May cause SENSITISATION by inhalation.  
 May cause SENSITISATION by skin contact.

#### Chronic Health Effects:

Danger of cumulative effects.  
 May cause CANCER.  
 May cause heritable genetic damage.  
 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

\* – limited evidence

### PROPERTIES



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

### EMERGENCY



### FIRST AID

#### Swallowed:

Contact Doctor or Poisons Centre.  
 Give glass of water.  
 Rinse mouth with plenty of water.

#### Eye:

Wash with running water (15 mins). Medical attention.

#### Skin:

Do NOT neutralise burns.  
 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% O<sub>2</sub>. 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.  
 This material and its container must be disposed of in a safe way.

### SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Flammable Explosive Radioactive Oxidizing

x x x x

x — Must not be stored together

### PRECAUTIONS FOR USE



#### Appropriate engineering controls:

General Exhaust Ventilation adequate.

#### Glasses:

Safety Glasses.  
 Consider full face-shield.

#### Gloves:

1.NEOPRENE 2.NATURAL RUBBER

#### 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.  
 Keep locked up.  
 Keep out of reach of children.  
 Keep away from living quarters.  
 Keep container tightly closed.  
 Keep container dry.  
 Keep away from food, drink and animal feeding stuffs.

#### Fire/Explosion Hazard:

Toxic smoke/fumes in a fire.  
 Attacks metals to liberate hydrogen.  
 Reacts with water.  
 In case of fire and/or explosion, DO NOT BREATHE FUMES.