

Hach Digestion Solution For COD 0-1500 ppm Range

INGREDIENTS	CAS NO	%	8HR OEL
sulfuric acid	7664-93-9	80-90	1 mg/m3
chromic acid solution	7738-94-5	0.1-1	0.05 mg/m3
mercuric sulfate	7783-35-9	1-5	0.025 mg/m3
silver sulfate	10294-26-5	0.5-3	0.01 mg/m3



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:

Harmful: danger of serious damage to health by prolonged exposure through inhalation.
 Very toxic by inhalation, in contact with skin and if swallowed.
 Causes severe burns.
 Risk of serious damage to eyes.
 May cause SENSITISATION by inhalation and 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.
 Possible risk of impaired fertility.

* – limited evidence

PROPERTIES



Liquid.
 Mixes with water.
 Corrosive.
 Acid. Contact with combustible material may cause fire.
 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 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.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

Flammable	Explosive	Toxic	Radioactive	Oxidizing
x	x	x	x	x

x — Must not be stored together

PRECAUTIONS FOR USE



Glasses:	Consider full face-shield.
Gloves:	1.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.
Fire/Explosion Hazard:	Toxic smoke/fumes in a fire. Attacks metals to liberate hydrogen.
Environment:	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. Use appropriate container to avoid environmental contamination. Avoid release to the environment. Refer to special instructions/Safety data sheets.