

PERCHLORIC ACID

INGREDIENTS	CAS NO	%	8HR OEL
perchloric acid	7601-90-3	>95	-



UN No: 1873*
 Hazchem Code: 2P
 DG Class: 5.1
 Subsidiary Risk: 8
 Packing Group: I
 Poisons Schedule: **Not Applicable**



NFPA Rating:

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

PROPERTIES



Liquid.

Corrosive.

Acid. Heating may cause an explosion.

Increases fire risk.

Contact with combustible material may cause fire.

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:	Dry agent. Do NOT fight fire with water.
Spills and Disposal:	Do NOT absorb spillage in combustibles. Absorb with dry agent. Dilute with water. 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
x	x	x	x

x — Must not be stored together

HEALTH HAZARD INFORMATION



Acute Health Effects:

Harmful if swallowed.
 Causes severe burns.
 Risk of serious damage to eyes.

PRECAUTIONS FOR USE



Glasses:	Consider full face-shield.
Gloves:	1.NATURAL RUBBER 2.NEOPRENE
Respirator:	Type B-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:	Toxic smoke/fumes in a fire. Attacks metals to liberate hydrogen. Reacts VIOLENTLY with water.