

COBALT(II) CHLORIDE HEXAHYDRATE

INGREDIENTS	CAS NO	%	8HR OEL
cobalt(II) chloride hexahydrate	7791-13-1	100	-



UN No: 3260
 Hazchem Code: 2X
 DG Class: 8
 Subsidiary Risk: **Not Applicable**
 Packing Group: II
 Poisons Schedule: **Not Applicable**



NFPA Rating:

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

HEALTH HAZARD INFORMATION



Acute Health Effects:

Harmful if swallowed.
 Irritating to respiratory system.
 Risk of serious damage to eyes.
 May cause SENSITISATION by inhalation and skin contact.
 Possible risk of irreversible effects.

Chronic Health Effects:

May cause CANCER by inhalation.
 May impair fertility.
 * – limited evidence

PROPERTIES



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

EMERGENCY



FIRST AID

Swallowed:

Give milk or water. If more than 15 mins from Doctor, INDUCE VOMITING (if conscious).

Eye:

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

Skin:

Remove contaminated clothing. Wash with soap & 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. Do NOT fight fire with BCF extinguisher.

Spills and Disposal:

Prevent from entering drains.
 Contain spillage by any means.
 Neutralize with soda ash/ lime.

PRECAUTIONS FOR USE



Appropriate engineering controls:

Local Exhaust Ventilation recommended.

Glasses:

Consider chemical goggles.

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:

Very toxic to aquatic organisms.
 May cause long-term adverse effects in the aquatic environment. This material and its container must be disposed of as hazardous waste.
 Avoid release to the environment. Refer to special instructions/Safety data sheets.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Explosive



Radioactive

x x
 x — Must not be stored together