

CADMIUM CHLORIDE HYDRATE

INGREDIENTS	CAS NO	%	8HR OEL
cadmium chloride, dihydrate	654054-66-7	>95	0.01 mg/m3



UN No: **2570**
 Hazchem Code: **2X**
 DG Class: **6.1**
 Subsidiary Risk: **Not Applicable**
 Packing Group: **III**
 Poisons Schedule: **S6**



NFPA Rating:

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

HEALTH HAZARD INFORMATION



Acute Health Effects:

Harmful in contact with skin.
 Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
 Very toxic by inhalation.

Chronic Health Effects:

May cause CANCER.
 May cause heritable genetic damage.
 Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
 May impair fertility.
 May cause harm to the unborn child.

* – limited evidence

PROPERTIES



Solid.
 Mixes with water. Does not burn.

EMERGENCY



FIRST AID

Swallowed:

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:

Decontaminate (Ipecac/lavage/charcoal).
 CaN2EDTA is preferred chelator.

Fire Fighting:

Keep surrounding area cool. Water spray/fog.

Spills and Disposal:

Avoid dust.
 Prevent from entering drains.
 Contain spillage by any means.
 Sweep shovel to safe place.
 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.

PRECAUTIONS FOR USE



Appropriate engineering controls:

Local Exhaust Ventilation recommended.

Glasses:

Consider chemical goggles.

Respirator:

Particulate. (AS/NZS 1716 & 1715, EN 143:000 & 149:001, ANSI Z88 or national equivalent)

Storage and Transportation:

Store in cool, dry, protected area.
 Keep locked up.
 Keep out of reach of children.
 Keep away from living quarters.
 Keep away from food, drink and animal feeding stuffs.

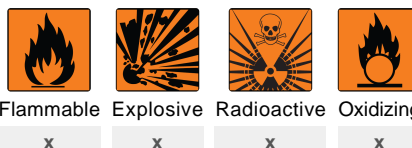
Fire/Explosion Hazard:

Toxic smoke/fumes in a fire.
 In case of fire and/or explosion, DO NOT BREATHE FUMES.

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



Flammable Explosive Radioactive Oxidizing

x — Must not be stored together