

CADMIUM

INGREDIENTS	CAS NO	%	8HR OEL
cadmium	7440-43-9	>99.8	0.01 mg/m3



UN No: **3179**
 Hazchem Code: **1X**
 DG Class: **4.1**
 Subsidiary Risk: **6.1**
 Packing Group: **II**
 Poisons Schedule: **S6**



NFPA Rating:

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

PROPERTIES



Solid.

Does not mix with water.

Sinks in water. Spontaneously flammable in air.

EMERGENCY



FIRST AID

Eye:	Wash with running water (15 mins). Medical attention.
Skin:	Remove contaminated clothing. Wash with soap & water. For burns: Apply cold water. Do NOT remove clothes from area. Cover wound. NO OINTMENTS.
Inhaled:	Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.
Advice To Doctor:	Decontaminate (Ipecac/lavage/charcoal). CaN2EDTA is preferred chelator. Supportive care. "metal fume fever". Remove from exposure. Treatment is supportive.
Fire Fighting:	Water jets. Do NOT fight fire with BCF extinguisher.
Spills and Disposal:	Eliminate ignition sources. 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 and detergent.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

Flammable	Explosive	Toxic	Radioactive	Oxidizing
x	x	x	x	x

x — Must not be stored together

HEALTH HAZARD INFORMATION



Acute Health Effects:

Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
 Very toxic by inhalation.
 Possible risk of irreversible effects.

Chronic Health Effects:

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

* – limited evidence

PRECAUTIONS FOR USE



Appropriate engineering controls:

Local Exhaust Ventilation recommended.

Glasses:

Consider chemical goggles.

Storage and Transportation:

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 away from food, drink and animal feeding stuffs.

Fire/Explosion Hazard:

Flammable.
 Vapours/gas heavier than air.
 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.