

Cadmium sulfate-3:8-hydrate

Chemical name:	Cadmium sulfate-3:8-hydrate
Synonyms:	Cadmium sulphate hydrate
CAS Number:	7790-84-3
EINECS Number:	232-226-5
Revision Number:	1-2026

Chemical identification and uses

Cadmium sulfate-8/3-hydrate is a colorless, odorless solid primarily used in laboratory settings and various industrial applications.

Potential exposures

Exposure to Cadmium sulfate-8/3-hydrate can occur in industrial/manufacturing facilities and during the handling of the chemical. Workers may be exposed primarily through inhalation, skin, and eye contact. Adherence to good manufacturing and industrial hygiene practices is essential to prevent or reduce exposure.

Human Health hazards

It is acutely toxic and could be fatal if inhaled or swallowed. It may cause damage to fertility or the unborn child and is classified as a reproductive toxicant. It may also cause genetic defects and is known as carcinogen according to NTP, IARC and ACGIH.

Environmental Health hazards

Cadmium sulfate is very toxic to aquatic organisms. Bioaccumulation of this chemical may occur in plants. The methods for determining biodegradability are not applicable to inorganic substances.

For more detailed safety and regulatory information, please refer to the Safety Data Sheet (SDS) or contact Solstice at PSCustomerCare@Solstice.com. Additional information can also be found on PubChem - [Cadmium sulfate-3:8-hydrate](#)