

Cobalt (II) chloride-6-hydrate

Chemical Name	Cobalt (II) chloride-6-hydrate
Synonyms	Cobalt chloride hexahydrate
CAS Number	7791-13-1
EC (EINECS) Number	231-589-4
Revision Number	1-2026

Chemical identification and uses

Cobalt (II) chloride-6-hydrate is a crystalline, light red, and odorless chemical primarily used in laboratory settings and various industrial applications.

Potential exposures

Exposure 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 acute toxic and harmful if swallowed or inhaled. It can cause serious eye irritation and may cause skin and respiratory sanitization. May cause allergy or asthma symptoms or breathing difficulties if inhaled. It may also damage fertility or the unborn child. It may cause genetic defects and is known to be carcinogenic. It is classified as a Group 2B carcinogen by IARC.

Environmental Health hazards

It is very toxic to aquatic life with long-lasting effects. It is not expected to bioaccumulate. The methods for determining biodegradability are not applicable to inorganic substances.

This product stewardship summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to provide an in-depth discussion of all health and safety information. Additional information on the chemical is available through the applicable Material Safety Data Sheet which should be consulted before use of the chemical. The product stewardship summary does not supplant or replace required regulatory and/or legal communication documents. Statements concerning use of our products are made without warranty that any such use is free of patent infringement and are not recommendations to infringe any patent.



Product Stewardship Summary

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 - [Cobalt\(II\) chloride-6-hydrate](#)

This product stewardship summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to provide an in-depth discussion of all health and safety information. Additional information on the chemical is available through the applicable Material Safety Data Sheet which should be consulted before use of the chemical. The product stewardship summary does not supplant or replace required regulatory and/or legal communication documents. Statements concerning use of our products are made without warranty that any such use is free of patent infringement and are not recommendations to infringe any patent.