

Cobalt(II) sulfate heptahydrate

Chemical Name:	Cobalt(II) sulfate heptahydrate
Synonyms:	Cobaltous sulfate heptahydrate
CAS Number:	10026-24-1
EINECS Number:	233-334-2
Revision Number:	1-2024

Chemical identification and uses

Cobalt(II) sulfate heptahydrate is a red solid primarily used in laboratory settings as well as in various industrial applications. It is commonly utilized for electroplating, as a pigment, and in the agricultural sector as a supplement for cobalt-deficient soils.

Potential exposures

Exposure to Cobalt(II) sulfate heptahydrate can occur during its manufacture and use in industrial processes. Workers may be exposed through inhalation, skin or eye contact. Proper industrial hygiene practices, including the use of personal protective equipment (PPE), should be followed to minimize exposure.

Human Health hazards

Cobalt(II) sulfate heptahydrate is harmful if swallowed. It may cause an allergic skin reaction and can cause serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties. It may can cause cancer and is classified as Group 2B by IARC (possibly carcinogenic to humans).

Environmental Health hazards

Cobalt(II) sulfate heptahydrate is harmful to aquatic life and is not readily biodegradable.

For more detailed safety and regulatory information, please refer to the Safety Data Sheet (SDS) or contact Honeywell at ESSPSCustomerCare@Honeywell.com. Additional information can also be found on PubChem.

- [Pubchem - Cobalt\(II\) sulfate heptahydrate](#)

This product stewardship summary is intended to provide general information on Cobalt(II) sulfate heptahydrate. It should not replace the detailed safety and handling guidelines found in the SDS. The summary does not constitute a warranty or recommendation for any specific use of the chemical.