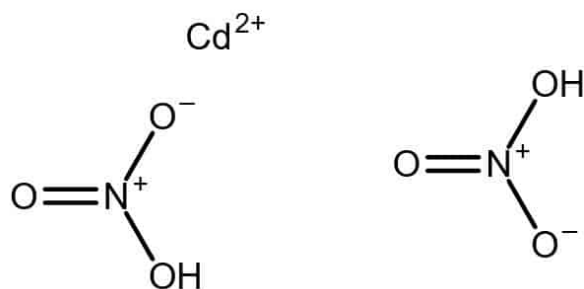


h1>Cadmium Nitrate 4 Hydrate 99% AR
[10022-68-1]



CAS number: **10022-68-1**

Summary formula: **Cd (NO3) 2. 4 H2O**

Molar mass: **308.47 g / mol**

Synonyms: **none**

Translation [ENG]: **Cadmium nitrate**

Application: **Cadmium nitrate is a laboratory reagent, staining glass.**

Definition of ChEBI: hydrate, which is the tetrahydrate form of cadmium nitrate. Used in: metallurgy, in bearing alloys as protective coatings for other metals, medicine (tooth fillings, e.g. amalgam), energy.

VARIATIONS

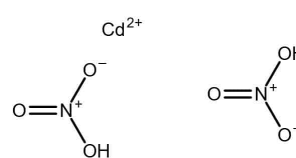
Image	Price	Pack size
	£341,96 gross £278,02 netto	10 kg

Image	Price	Pack size
	£816,81 gross £664,07 netto	25 kg

PRODUCT DESCRIPTION

Cadmium Nitrate 4 Hydrate 99% AR [10022-68-1]

Cadmium nitrate is a laboratory reagent, staining glass. Definition of ChEBI: hydrate, which is the tetrahydrate form of cadmium nitrate.

Used in: metallurgy, in bearing alloys as protective coatings for other metals in medicine (tooth fillings, e.g. amalgam), energy.

Melting point: 59.5 ° C (lit.)

Boiling point: 132 ° C

Density: 2.45 g / cm³

Flash point: 132 ° C

Form: Solid

Specific weight: 2.45

White color

Water-soluble. (109 g / 100 ml) at 0 ° C and (326 g / 100 ml) at 60 ° C

Soluble in ammonia, acetone and alcohol.

Merck: 14,1622

Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)