

CUPRIC NITRATE TRIHYDRATE Extra Pure

Copper (II) nitrate trihydrate

Article No.	03074	Grade	Extra Pure
Purity	95%	CAS No.	10031-43-3
Molecular Formula	$\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$	Molecular Weight	241.60
H.S. Code	2834.2990	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	Bluish crystals
Odour	Odorless	Melting point/ Freezing point [°C]	115°C
Boiling point [°C]	170°C	Density [g/cm ³]	2.05
Solubility in water [% weight]	138g/100ml water @ 00C	Oxidising properties	The substance or mixture is classified as oxidizing with the subcategory 2

Specifications

Appearance	Bluish hygroscopic crystal
Assay (ex Cu)	95 - 103%
Chloride (Cl)	Max 0.005%
Sulphate (SO ₄)	Max 0.02%
Iron (Fe)	Max 0.02%

Packings

250 g	00250
500 g	00500

Safety Information

Symbol: GHS03, GHS05, GHS07, GHS09
Signal Word: Danger
UN No.: 1477
IMCO Class No.: 5.1
Packing Group: II
Hazardous Statement: H272-H302-H315-H318-H400
Precaution Statement: P220-P273-P280-P305 + P351 + P338

Hazard Symbols



Revision Date : 21-Dec-2013

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