Product Specification

Product Name: COPPER (II) SULFATE Pentahydrate FCC

Alternate Name(s) Cupric Sulfate; Blue Stone; Blue copperas; Blue Vitriol.

Description

Blue crystals or blue crystalline granules or powder.

Properties

Chemical Formula:

Molecular Weight: 249.68

Product Code: CP068

CAS No. 7758-99-8

General Information:

Slowly effloresces in air. Nauseous metallic taste. Soluble in water, methanol; slightly soluble in ethanol & glycerol. Environmental hazard - spills very toxic to aquatic life.

Hazard and Safety Data

UN Group:	III
Class:	9
UN Number:	3077
Hazchem code:	2X
CS MSDS Code:	1CH2B
Poison schedule:	S6
Emergency Procedure Guide No.:	47

Quality Specification

Assay: 98.5 - 102.0%

Specific Properties and Impurities [Typical levels]:

Identification	Passes test
Chloride (Cl)	≤ 0.01%
Substances not precipitated by hydrogen sulfide	≤ 0.3%
Calcium (Ca)	≤ 0.005%
Iron (Fe)	≤ 0.003%
Lead (Pb)	≤ 0.0004%
Nickel (Ni)	≤ 0.005%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.01%
Cadmium (Cd)	≤ 0.0001%
Mercury (Hg)	≤ 0.0001%
Arsenic (As)	≤ 0.0001%

CONFORMS TO FCC

Chem-Supply Pty Ltd - An ISO 9001 Accredited Company

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