

Product Information

Copper Sulfate Pentahydrate

Product Description:

Copper sulfate pentahydrate is an odorless, free flowing, blue crystalline solid. It readily dissolves in water. It is soluble in methanol, glycerol and is slightly soluble in ethanol. This product has been manufactured in the United States of America.

Applications:

Copper sulfate pentahydrate is used in fertilizers, copper plating, fungicides, herbicides, dyes and electronics. It is used as an important dietary supplement in animal feed.

Chemical Formula:

$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

CAS No. :

7758-99-8

Typical Properties:

Parameters (units)	Typical Properties
Copper (%)	≥ 25
Copper sulfate pentahydrate (%)	≥ 98.5
Iron (ppm)	≤ 3000
Lead (ppm)	≤ 10
Cadmium (ppm)	≤ 10
Arsenic (ppm)	≤ 10
Chloride (ppm)	≤ 300
Insoluble matter (%)	≤ 0.10
Free Acid (%)	≤ 0.2
Moisture (%)	≤ 2.80
pH, of 5% aqueous solution	≥ 3

*% denoted represents wt/wt %, unless noted otherwise

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bisleyinternational.com

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Packaging:

Material is available in 25 kg bags, 1200 kg and 1250 kg supersacks. Further packaging options may be available upon inquiry.

Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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