



Technical Datasheet

Anhydrous Copper Sulfate

Molecular formula: CuSO_4

Molecular weight: 159.68

CAS No.: 7758-98-7



Properties

Anhydrous copper sulfate is milk-white or slightly reddish pungent powder. It is soluble in water and diluted ethanol but not soluble in anhydrous ethanol. Its aqueous solution has weak acid reaction. It's likely to deliquesce in humid air and has strong hygroscopicity. Black Cupric Oxide is formed at high temperature.

Application

Mainly used for the production of ship-bottom antifouling coatings, dryer, catalyst as well as the main raw material for producing other copper salts.

Parameter

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Copper Content (Cu)	$\geq 38.0 \%$
Acidity (H_2SO_4)	$\leq 0.25 \%$
Water insoluble matters	$\leq 0.35 \%$

Package

Packed in kraft paper bags lined with plastic bags. 25kg net per bag.

Transportation and storage

The goods should be stored in dry ventilated warehouse, should be protected against rain or damp during transportation and storage. It shouldn't be stored together with food, seeds or animal feeds. Handle with care. Workers should wear masks to prevent inhalation.