

COPPER NITRATE TRIHYDRATE [Cu (NO₃)₂ 3H₂O]

H.S CODE	28342990
CAS CODE	10031-43-3
MOLECULAR WEIGHT	241.6
Solubility	Soluble in water
ASSAY Min	98%
Assay Ex Cu	27%
APPEARANCE	Blue deliquescent crystals
Max Limits of Impurities %	
Chlorides	0.05
Sulphates	0.05
Iron	traces
Ph of 5% solution	3.0-5.0
Solubility in water	Clear without visible impurities.
Water insolubles	0.05
Packing:	25 / 50 kgs Polythelined HDPE bags / fiber drum
Shipment Class	Oxidiser label.
UN Class	5.1
UN NO	1477
Packing Group	III

Uses

- Reagent for nitration of aromatic compounds
- Oxidation of thiols to disulfides
- Convert dithioacetals to carbonyls.
- Preparation of light sensitive papers
- Insecticide for wines
- Analytical reagent
- Electroplating
- Getting burnished effect on iron

- Paints (pigments)
- Varnishes, Enamels
- Catalyst Preparation (Copper Chromite)