

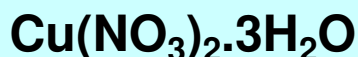


SDFCL
s d fine-CHEM LIMITED
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\DA\PS\20089XPS.xls
PRODUCT CODE	20089
PRODUCT NAME	CUPRIC NITRATE TRIHYDRATE AR
SYNONYMS	[Copper (II) nitrate trihydrate AR]
C.I. NO.	--
CASR NO.	(10031-43-3)
ATOMIC OR MOLECULAR FORMULA	$\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	241.60
PROPERTIES	Hygroscopic



PARAMETER	LIMIT
Description	Hygroscopic blue crystals with an odour of nitric acid.
Solubility	10% solution in water is bright and clear.
Minimum Assay (Iodometric)	99.5%
pH of (5% solution in water)	> 2.8
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.003%
Chloride (Cl)	0.001%
Sulphate (SO_4)	0.0025%
Arsenic (As)	0.0001%
Barium (Ba)	0.005%
Bismuth (Bi)	0.001%
Calcium (Ca)	0.01%
Iron (Fe)	0.005%
Lead (Pb)	0.001%
Magnesium (Mg)	0.002%
Nickel (Ni)	0.01%

Note(s) : Assay (if applicable) method mentioned.

DANGER

Hazard statements: May cause respiratory irritation. May intensify fire; oxidizer. Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. Toxic to aquatic life.

Precautionary statements

Prevention: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

Response: If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wear eye/face protection. Specific treatment: refer to Label or MSDS.

IMDG Code : 5.1/II
UN No. : 1477
IATA : 5.1

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



Skin irritation



Oxidising

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

