



SDFCL
s d fine-chem limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID\PS\37855XPS.xls
PRODUCT CODE	37855
PRODUCT NAME	CUPROUS CYANIDE (for synthesis)
SYNONYMS	(Copper (I) cyanide)
C.I. NO.	--
CASR NO.	(544-92-3)
ATOMIC OR MOLECULAR FORMULA	CuCN
ATOMIC OR MOLECULAR WEIGHT	89.56
PROPERTIES	Insoluble in water , soluble in sodium and potassium cyanides.



PARAMETER	LIMIT
Description	Creamy white powder.
Solubility	Slightly soluble in cold water.
Minimum Assay (Iodometric)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.5%
Sulphate (SO ₄)	0.01%

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

DANGER

Hazard statements: Fatal in contact with skin. Fatal if inhaled. Fatal if swallowed. Causes mild skin irritation. Causes eye irritation. Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: Use only outdoors or in a well ventilated area. Wash hands thoroughly after handling. Wear respiratory protection. Do not get in eyes, on skin or on clothing. Wear protective gloves/clothing. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapours/spray.

Response: Immediately call a POISON CENTER or doctor/physician. If skin irritation occurs, seek medical advice/attention. If eye irritation persists, get 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 INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Remove/Take off immediately all contaminated clothing IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse.

IMDG Code : 6.1/II
UN No. : 1587
IATA : 6.1

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

Hazard Pictogram(s) :



Acute toxicity



Aquatic environment

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.: 01
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