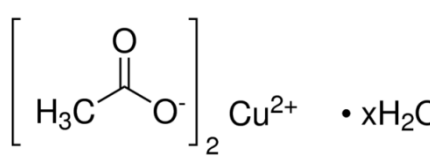


## COPPER (II) ACETATE MONOHYDRATE FOR MOLECULAR BIOLOGY

<b>PRODUCT CODE</b>	<b>923560</b>	
<b>SYNONYMS</b>	(Cupric acetate)	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(6046-93-1)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	(CH <sub>3</sub> COO) <sub>2</sub> Cu.H <sub>2</sub> O	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	199.65	
<b>PROPERTIES</b>	Soluble in water, alcohol and ether.	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	Dark green transparent crystals/powder with a slight odour of acetic acid.	
Solubility	5% solution in hot mixture of acetic acid and water (2.5 gm in 3.75 ml acetic acid + 46.25 ml of water) is clear and bright.	
Minimum assay (by Iodometric)	98.0%	
pH (5% aq. solution)	5.2-5.5	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Insoluble matter	0.01%	
Chloride (Cl)	0.003%	
Sulphate (SO <sub>4</sub> )	0.01%	
Iron (Fe)	0.002%	
Calcium (Ca)	0.005%	
Nickel	0.01%	
Sodium (Na)	0.05%	
Potassium (K)	0.01%	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>DANGER</b> <b>Hazard statements</b> : Harmful if swallowed. Causes mild skin irritation. Causes serious eye damage. Very toxic to aquatic life with long lasting effects. <b>Precautionary statements</b> <b>Prevention:</b> Wash hands thoroughly after handling. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. <b>Response:</b> Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. <b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.		IMDG Code : 8/II UN No. : 1759 IATA : 8



# Product Specification

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Hazard Pictogram(s) :



GHS05



GHS09



GHS07

Replace date 18-Aug-21