



# Product Specification

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## CUPROUS CHLORIDE AR/ACS

<b>PRODUCT CODE</b>	<b>499705</b>	
<b>SYNONYMS</b>	<b>(Copper (I) chloride)</b>	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>(7758-89-6)</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>CuCl</b>	<b>CuCl</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>99.00</b>	
<b>PROPERTIES</b>	<b>Becomes greenish on exposure to air and brown on exposure to light. Slightly soluble in water.</b>	

<b>PARAMETER</b>	<b>LIMIT</b>
Description	A grayish –white crystalline powder becoming pale –green on storage.
Solubility	Soluble in acids.
Minimum assay (by cerimetry)	97.0%

<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Acid-insoluble matter	0.02%
Arsenic (As)	0.0001%
Iron (Fe)	0.005%
Lead (Pb)	0.02%
Sulphate (SO <sub>4</sub> )	0.05%
Substances not precipitated by hydrogen sulphide (as sulphate)	0.02%

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

<b>DANGER</b>	IMDG Code : 8 / III UN No. : 2802 IATA : 8
<b>HAZARD DANGER</b> Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.	
<b>PRECAUTIONARY STATEMENTS</b> <b>Prevention:</b> Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash. thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. <b>Response: IF SWALLOWED:</b> Call a POISON CENTER or doctor/physician if you feel unwell. <b>IF ON SKIN:</b> Wash with plenty of soap and water. <b>IF INHALED:</b> Remove victim to fresh air and keep at rest in a position comfortable for breathing. <b>IF IN EYES:</b> 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. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re- use.	
<b>Disposal :</b> The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber	

Hazard Pictogram(s) :



Replace Date-27-Jun.2020