



## CUPROUS CHLORIDE AR/ACS

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| <b>PRODUCT CODE</b>  | <b>R08172</b>  |  |
| <b>SYNONYMS</b>  | (Copper (I) chloride)  |  |
| <b>C.I. NO.</b>  | --   |  |
| <b>CASR NO.</b>  | (7758-89-6)  |  |
| <b>ATOMIC OR MOLECULAR FORMULA</b>   | CuCl   | <b>CuCl</b>                                  |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | 99.00  |  |
| <b>PROPERTIES</b>  | Becomes greenish on exposure to air and brown on exposure to light. Slightly soluble in water. |  |
| <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%  |  |
| <b>Note(s): Assay (if applicable) method mentioned.</b>  |  |  |
| <b>DANGER</b><br><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.<br><b>PRECAUTIONARY STATEMENTS</b><br><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.<br><b>Response:</b> IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. 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.<br><b>Disposal :</b> The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber |  | IMDG Code : 8 / III<br>UN No. 2802<br>IATA 8 |
| Hazard Pictogram(s) :  |  |  |
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replace Date 1 April 2023

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