SAFETY DATA SHEET

Creation Date 28-Nov-2010   **Revision Date** 17-Jan-2018   **Revision Number** 4

1. Identification

Product Name   **Copper(II) chloride dihydrate**

Cat No. :   **C455-500**

CAS-No   10125-13-0
Synonyms   Cupric chloride dihydrate

Recommended Use   Laboratory chemicals.
Uses advised against   Not for food, drug, pesticide or biocidal product use

Details of the supplier of the safety data sheet

Company
Fisher Scientific
One Reagent Lane
Fair Lawn, NJ 07410
Tel: (201) 796-7100

Emergency Telephone Number
Chemtrec US: (800) 424-9300
Chemtrec EU: 001 (202) 483-7616

2. Hazard(s) identification

Classification
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Corrosive to metals	Category 1
Acute oral toxicity	Category 3
Acute dermal toxicity	Category 4
Skin Corrosion/irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 1
Specific target organ toxicity (single exposure)	Category 3
Target Organs - Respiratory system.	

Label Elements

Signal Word
Danger

Hazard Statements
May be corrosive to metals
Toxic if swallowed
Harmful in contact with skin
Causes skin irritation
Causes serious eye damage
May cause respiratory irritation

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Precautionary Statements
Prevention

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Inhalation	Move to fresh air. If breathing is difficult, give oxygen. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediate medical attention is required.
Ingestion	Do not induce vomiting. Call a physician or Poison Control Center immediately.
Most important symptoms and effects	Irritating to eyes. . Causes eye burns. Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation
Notes to Physician	Treat symptomatically

5. Fire-fighting measures

Suitable Extinguishing Media	Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.
Unsuitable Extinguishing Media	No information available
Flash Point	No information available
Method -	No information available

Autoignition Temperature
Explosion Limits

Upper	No data available
Lower	No data available
Sensitivity to Mechanical Impact	No information available
Sensitivity to Static Discharge	No information available

Specific Hazards Arising from the Chemical
Corrosive Material.

8. Exposure controls / personal protection

Exposure Guidelines

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Stability	Hygroscopic.
Conditions to Avoid	Avoid dust formation. Incompatible products. Excess heat. Exposure to moist air or water.
Incompatible Materials	Strong oxidizing agents, Metals
Hazardous Decomposition Products	Hydrogen chloride gas, Copper oxides
Hazardous Polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	Corrosive to metals.

substances which are hazardous for the environment. Do not allow material to contaminate ground water

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Legend:

Legend:

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Mexico - Grade   No information available

16. Other information

| **Prepared By** | Regulatory Affairs
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Print Date   17-Jan-2018
Revision Summary   This document has been updated to comply with the US OSHA HazCom 2012 Standard
                               replacing the current legislation under 29 CFR 1910.1200 to align with the Globally
                               Harmonized System of Classification and Labeling of Chemicals (GHS).

Disclaimer

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relates only to the specific material designated and may not be valid for such material used in combination with any other
materials or in any process, unless specified in the text**

End of SDS

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