SISCO RESEARCH LABORATORIES PVT. LTD.

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Safety Data Sheet

Review Date : 4-Oct-2023

Section 1 - Chemical Product and Company Identification

Product Name	Cupric Chloride pure, 98%
Product Code	92315
CAS No	7447-39-4
Use for	Laboratory Chemicals.
Company Name	Sisco Research Laboratories Pvt. Ltd.
Address	608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road, Andheri (E), Mumbai - 400 099, India

Section 2 - Composition/Information on Ingredients

CAS#	Product Name	%	Einecs#
7447-39-4	Cupric Chloride	98	231-210-2

No Components need to be Disclosed according to the applicable regulations.

Section 3 - Hazards Identification

Risk advice to man and the environment (Haz)

Toxic if swallowed .Very toxic in contact with skin.

Irritating to eyes ,respiratory system and skin.

Section 4 - First Aid Measures

Eyes : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin : Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water .Consult a physician.

Inhalation: If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

Notes to physician:

Section 5 - Fire Fighting Measures

Extinguishing Media

Suitable: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective

Equipment For Firefighters: Wear self contained breathing apparatus for fire fighting if necessary

Section 6 - Accidental Release Measures

Product Code 92315

Personal precautions: Use personal protective equipment. Avoid dust formation.
avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions: Prevent further leakage or spillage if safe to do so.
Do not let product enter drains.

Method for cleaning up : Pick up and arrange disposal without creating dust Keep in suitable ,closed containers for disposal.

Section 7 - Handling and Storage

Handling: Avoid Contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures
For preventive fire protection.

Storage: Room Temperature .Keep container tightly closed in dry and well ventilated place .

Section 8 - Exposure Control / Personal Protection

Personal Protective Equipment

Respiratory protection : Where the risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type (EN 143) respirator
cartridges as a back up to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator .Use respirators and components tested and approved under appropriate government standards such as NIOSH (US)or CEN (EU).

Hand Protection: The selected protective gloves have to satisfy the specification of EU Directive 89/686/EEC and the standard EN 374 derived from it Handle with gloves.

Eye Protection: Safety glasses

Skin and body protection : Choose the body protection according to the amount and concentration of dangerous substance at the work place .

Hygiene measures : Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the Product.

Section 9 - Physical and Chemical Properties

Physical State:	Powder
Molecular Formula:	$CuCl_2$
Molecular Weight:	134.45
Melting point:	620 °C (1148 °F) - lit.
Boiling Point:	993 °C (1819 °F) at 1013.250 hPa

Section 10 - Stability and Reactivity

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Storage stability : Stable under recommended storage conditions.

Material to avoid :

Hazardous decomposition products formed under fire condition:- Hydrogen chloride gas, Copper oxides

Section 11 - Toxicological Information

Acute toxicity : LD50 Oral - Rat - 584 mg/kg
LD50 Dermal - Rat - male - > 2,000 mg/kg
LD50 Dermal Dermal - Rat - female - 1,224 mg/kg
LD50 Intravenous - Rat - 5 mg/kg
LD50 Intraperitoneal - Rat - 14.7 mg/kg

Irritation and corrosion : No data available

Sensitisation : No data available

chronic exposure : IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable ,possible or confirmed human carcinogen by IARC.

Sings And Symptoms of Exposure: No data available

Route of Exposure

Inhalation : No data available

Skin: No data available

Eyes: No data available

Ingestion : No data available

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

Product : Observe all federal, state, and local environmental regulation. Contact a licensed professional waste service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging : Dispose of us unused product.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping name:	COPPER CHLORIDE		
Hazards Class:	8	8	8
Un Number:	2802	2802	2802
Packing Group :	III	III	III

Product Code 92315

Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation(EC) No 1907/2006

Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.