

## SAFETY DATA SHEET

Creation Date 24-Nov-2010

Revision Date 19-Jan-2018

Revision Number 6

### 1. Identification

**Product Name** Copper(I) chloride

**Cat No. :** AC270520000; AC270520010; AC270525000; AC270520025

**CAS-No** 7758-89-6  
**Synonyms** Cuprous chloride

**Recommended Use** Laboratory chemicals.  
**Uses advised against** 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

Acros Organics  
One Reagent Lane  
Fair Lawn, NJ 07410

**Emergency Telephone Number**

For information **US** call: 001-800-ACROS-01 / **Europe** call: +32 14 57 52 11  
Emergency Number **US**:001-201-796-7100 / **Europe**: +32 14 57 52 99  
**CHEMTREC** Tel. No.**US**:001-800-424-9300 / **Europe**:001-703-527-3887

### 2. Hazard(s) identification

**Classification**

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

|                                   |            |
|-----------------------------------|------------|
| Acute oral toxicity               | Category 4 |
| Acute dermal toxicity             | Category 4 |
| Skin Corrosion/Irritation         | Category 2 |
| Serious Eye Damage/Eye Irritation | Category 1 |

**Label Elements**

**Signal Word**

Danger

**Hazard Statements**

Causes skin irritation  
Causes serious eye damage  
Harmful if swallowed or in contact with skin

**Precautionary Statements****Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Wear protective gloves/protective clothing/eye protection/face protection

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
Call a POISON CENTER or doctor/physician if you feel unwell  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash before reuse

**Eyes**

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

**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
Rinse mouth

**Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Very toxic to aquatic life with long lasting effects

### 3. Composition/Information on Ingredients

| Component          | CAS-No    | Weight % |
|--------------------|-----------|----------|
| Copper(I) chloride | 7758-89-6 | >95      |

### 4. First-aid measures

**General Advice**

If symptoms persist, call a

**Suitable Extinguishing Media** Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.

**Unsuitable Extinguishing Media** No information available

**Flash Point** No information available  
**Method -** No information available

**Autoignition Temperature** No information available

**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**

Non-combustible. Do not allow run-off from fire-fighting to enter drains or water courses.

**Hazardous Combustion Products**

Hydrogen chloride gas.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent)



**Product Information**  
**Component Information**  
Component  
Copper(I) chloride

**LD50 Oral**  
336 mg/kg (Rat)

**LD50 Dermal**

**LC50 Inhalation**

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|                                |                 |
|--------------------------------|-----------------|
| <b>Hazard Class</b>            | 8               |
| <b>Packing Group</b>           | III             |
| <b><u>TDG</u></b>              |                 |
| <b>UN-No</b>                   | UN2802          |
| <b>Proper Shipping Name</b>    | COPPER CHLORIDE |
| <b>Hazard Class</b>            | 8               |
| <b>Packing Group</b>           | III             |
| <b><u>IATA</u></b>             |                 |
| <b>UN-No</b>                   | UN2802          |
| <b>Proper Shipping Name</b>    | COPPER CHLORIDE |
| <b>Hazard Class</b>            | 8               |
| <b>Packing Group</b>           | III             |
| <b><u>IMDG/IMO</u></b>         |                 |
| <b>UN-No</b>                   | UN2802          |
| <b>Proper Shipping Name</b>    | COPPER CHLORIDE |
| <b>Hazard Class</b>            | 8               |
| <b>Subsidiary Hazard Class</b> | P               |
| <b>Packing Group</b>           | III             |

## 15. Regulatory information

### United States of America Inventory

Component

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know  
Regulations**