

# Safety Data Sheet

According to GHS Regulation (EC) No. 453/2010  
Review No: 03, This version replaces all previous versions  
Review date: 05.03.2019

## COPPER OXYCHLORIDE 50 WG



### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name **COPPER OXYCHLORIDE 50 WG**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use : Fertilisers

#### 1.3. Details of the supplier of the safety data sheet

Company : Quimetal Industrial S.A.

Address : Los Yacimientos 1301 Maipú, Santiago - Chile

Telephone : (56-2) 2381 7000

Manufacturer information: [www.quimetal.cl](http://www.quimetal.cl)

e-mail address : [comercial@quimetal.cl](mailto:comercial@quimetal.cl)

#### 1.4. Emergency phone number in Chile: (56-2) 2381 7000

Telephone number Poison Control in Chile: (56-2) 2247 3600. CITUC QUIMICO

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### GHS Classification

Acute toxicity, Oral, category 4

Acute Aquatic toxicity, category 1

Chronic aquatic toxicity, category 1

#### 2.2 GHS Label elements, including precautionary statements

##### Pictogram

Signal word **Warning**



Hazard statement(s): H302, H411

##### Precautionary statement(s)

**Prevention:** P264, P270, P273

**Response:** P301 + P312, P330, P391

**Disposal:** P501

#### 2.3 Other hazards: none

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients according to Regulation (EC) No 1272/2008

#### 3.2 Mixtures

Component	Concentration	EC-No	CAS No	Regulation (EC) No 1272/2008	Hazard statement
Dicopper chloride trihydroxide (Copper oxychloride)	87 % copper oxychloride (50 % metallic copper)	215-572-9	1332-65-6	Acute toxicity, Oral 4 Chronic aquatic 1	H302 H411

*Registers of phrases – section 16*

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

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

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

In case of skin contact: Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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

**4.2 Most important symptoms and effects, both acute and delayed:** The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

**4.3 Indications of any immediate medical attention and special treatment needed:** no data available

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## 5. FIREFIGHTING MEASURES

- 5.1 Extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
**5.2 Special hazards arising from the substance or mixture:** Copper oxides  
**5.3 Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.  
**5.4 Further information:** no data available

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## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:** Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.  
**6.2 Environmental precautions:** Do not let product enter drains.  
**6.3 Methods and materials for containment and cleaning up:** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.  
**6.4 Reference to other sections:** For disposal see section 13.

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## 7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.  
**7.2 Conditions for safe storage, including any incompatibilities:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place.  
**7.3 Specific end use(s):** no data available.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters:** Components with workplace control parameters. Contains no substances with occupational exposure limit values.  
**8.2 Exposure controls:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Personal protective equipment

**Eye/face protection:** Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.  
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Body Protection:** Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:** Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup 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).

**Control of environmental exposure:** Do not let product enter drains.



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## 12. ECOLOGICAL INFORMATION

**12.1 Toxicity:** Toxicity to fish - Oncorhynchus mykiss (rainbow trout) - > 43.8 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates: EC50 - Daphnia magna (Water flea) - 0.5 mg/l - 48 h

**12.2 Persistence and degradability:** no data available

**12.3 Bio accumulative potential:** no data available

**12.4 Mobility in soil:** no data available

**12.5 Results of PBT and vPvB assessment:** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects:** no data available

### 12.7. Additional Information

Not available.

### 12.8. Toxicity

Toxic to aquatic life with long lasting effects.

### 12.9. toxicological effects

No data available

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## 13. DISPOSAL CONSIDERATIONS

### 1.31 Waste treatment methods

Appropriate methods for removal of residues of the substance or mixture Contact your dealer, local authorities or an accredited waste disposal for the collection and disposal of products or unusable containers company. The useless products should be disposed of as hazardous waste

Appropriate methods for removal of possible contaminated packaging: Disposal will continue in accordance with local, state or national legislation. Either by incineration or recycling

Codes and designations of wastes pursuant to LoW with: No information available.

relevant to the treatment of waste information: No information available.

relevant to the treatment of wastewater information: No information available

Special precautions: No information available

Community / national / regional waste management provisions: No information available

Community / national / regional provisions related to waste management: Waste disposal continue according to local, state or national provisions

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## 14. TRANSPORT INFORMATION

### DOT/ADR/RID/IMO-IMDG

14.1. UN number: 3077

14.2 UN proper shipping name: Environmentally Hazardous Substance, Solid, N.O.S. (Cupric Hydroxide)

14.3. Transport hazard class (es): 9

14.4 Packing group: III

14.5 Environmental hazards: Marine Pollutant

14.6 Special precautions for use: Not applicable

14.7 Transport in bulk according to Annex of MARPOL and the IBC Code: Not applicable

### IATA-DGR/ICAO-TI

Not regulated

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## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**International Regulations:** Regulation (EU) No 453/2010: Requirements for the development of the safety data sheet. Globally Harmonized System of Classification and Labelling of Chemicals (GHS). International Maritime Dangerous Goods (IMO-IMDG) Regulations of the International Civil Aviation Organization (ICAO) and the Association of International Air Transport Association (IATA) on the transport of dangerous goods by air, Regulations concerning the International Carriage of Dangerous Goods by rail (RID), European Agreement on international carriage of dangerous goods by road (ADR)

**National regulations:** NCH 2190 Of.93 `dangerous substance Transport-Signs for hazard identification, NCH 382 Hazardous Substances Of.89 - Terminology and general classification, 298 and 198 DS Transport of dangerous cargo, DS No. 594 Regulations and Sanitary Conditions Basic workplaces in environmental. NCH 2245 Of.2015 Safety Data Sheets for chemicals

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#### **15.2 Chemical Safety Assessment**

The receiver must verify the possible existence of legal regulations applicable to chemical

REACH Ref. N°: 01-2119966120-46-0013

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#### **16. OTHER INFORMATION**

Revision Summary                      Update to GHS format  
REACH number added

**Full text of H-Statements referred to under sections 2 and 3**

##### **Hazard statement(s)**

H302 Harmful if swallowed  
H411 Toxic to aquatic life with long lasting effects.

##### **Precautionary statement(s)**

P264 Wash the hands thoroughly after handling  
P270 Do not eat, drink or smoke when using this product.  
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
P330 Rinse mouth  
P273 Avoid release to the environment  
P391 – Collect spillage  
P501 Dispose of contents / container in accordance with local regulations

##### **NFPA Rating**

Health hazard: 2  
Fire hazard: 0  
Reactivity: 0  
Specific hazard: -

##### **Further information**

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