

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Trade Name:** Copper EDTA  
**Chemical Name:** --  
**Synonyms:** --  
**Group Name:** --  
**Formula:** --  
**Approved Use:** For use on a wide range of agricultural and horticultural crops  
**Supplier:** DHM Agrochemicals Limited  
**Telephone No:** Castle Lodge,  
**Fax No:** Kilgobbin Road,  
**Issued By:** Dublin 18

**EMERGENCY TELEPHONE NUMBER: 01-2952377**

---

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

No.	Name
1.	Copper
2.	Water

No.	CAS No.	R Phrases	Concentration	Classification
1.	--	--	9.3% w/v	--
2.	--	--	to 100%	--

**Legend:** Tx = Very Toxic, C = Corrosive, Xn = Harmful, Xi = Irritant, Ik = No Classification Required, E = Explosive, O = Oxidising, Fx = Extremely Flammable, F = Very Flammable, Fo = Flammable, N = Dang. To the Environment, M = Genotoxic, A = Sensitizing, K = Carcinogenic, R = Causes birth defects, H = skin absorption

---

## 3. HAZARDS IDENTIFICATION

### Human

No specific risk when handling in accordance with good occupational hygiene practise.

## 4. FIRST-AID MEASURES

**General:** In cases of serious personal contamination always seek medical help immediately.  
**Inhalation:** Not specifically applicable  
**Skin Contact:** Rinse with plenty of water  
**Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes.  
**Ingestion:** Rinse mouth out with water.  
**Medical Information:** For specialist advice doctors should contact the nearest **Poisons Information Centre.**

---

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	All extinguishing agents can be used
<b>Unsuitable Extinguishing Media:</b>	None known
<b>Special Exposure Hazards:</b>	None known
<b>Protective Equipment:</b>	Protective clothing, gloves and safety glasses should be worn.

---

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Suitable clothing, goggles or glasses with side-shields, gloves.
<b>Environmental Precautions:</b>	Do not discharge into drains and waterway.
<b>Methods for Cleaning Up:</b>	Absorb the product onto porous material. Recover the product by scraping with a spatula or a similar instrument. Wash the floor with plenty of water. Dispose of waste by an authorised disposal contractor.

---

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Handle and use in accordance with good occupational hygiene safety practise.
<b>Storage:</b>	Keep away from food, drink and foodstuffs. Product must only be kept in the supplier's packaging.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Precautions:</b>	Wear suitable protective gloves and face protection when handling concentrate. Wash all protective clothing thoroughly after use, especially insides of gloves. When using do not eat, drink or smoke. Wash splashes from skin or eyes immediately Do not breathe spray. Keep away from animal feedstuffs. Wash hands before meals and immediately after work <b>Keep out of reach of children</b>
<b>Protective Clothing:</b>	Respiratory Protection: If ventilation is suitable it is not essential to wear respiratory equipment. Eye Protection: Goggles/safety glasses with side-shields should be worn. Hand Protection: Gloves Skin Protection: Suitable protective clothing should be worn when dealing with the concentrate or spray.
<b>Occupational Exposure Limits:</b>	None known.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear blue liquid
<b>Odour:</b>	Weak
<b>pH:</b>	6.5-7.5 (Aqueous solution – 2g/100ml)
<b>Boiling Point/Boiling Range:</b>	Approx 100°C
<b>Melting Point/Melting Range:</b>	No information
<b>Flash Point:</b>	Not applicable (aqueous liquid)

<b>Flammability:</b>	Non flammable
<b>Autoflammability:</b>	Non flammable
<b>Explosive Properties:</b>	Non flammable
<b>Oxidizing Properties:</b>	Non oxidizing material according to EC criteria
<b>Vapour Pressure:</b>	No information
<b>Relative Density:</b>	No information
<b>Solubility (water and fat):</b>	Miscible (in all proportions) 1.32g/l at 20°C. Insoluble in common organic solvents.

---

## 10. STABILITY AND REACTIVITY

<b>Conditions to Avoid:</b>	Use as directed.
<b>Materials to Avoid:</b>	None known
<b>Hazardous Decomposition Products:</b>	On combustion or on thermal decomposition (pyrolysis) releases Carbon oxides (CO + CO <sub>2</sub> ) Nitrogen oxides

---

## 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	LD 50 oral Rat: >2000mg/kg
<b>Irritation:</b>	May cause slight temporary irritation to skin and ocular mucous membranes.
<b>Sensitization:</b>	No information

## 12. ECOLOGICAL INFORMATION

<b>Mobility:</b>	Ultimate destination of the product: Soil
<b>Degradability:</b>	Slightly biodegradable
<b>Accumulation:</b>	No information

---

## 13. DISPOSAL CONSIDERATIONS

<b>Product and Waste:</b>	Dispose of product by an authorised disposal contractor
<b>Containers:</b>	Dispose of product by an authorised disposal contractor

---

## 14. TRANSPORT INFORMATION

<b>Special Transport Precautions:</b>	None
<b>Road/Rail Classification:</b>	No restrictions
<b>IMDG Classification:</b>	No restrictions
<b>Air Classification:</b>	No restrictions

---

## 15. REGULATORY INFORMATION

**R-Phrases**  
None  
**S-Phrases**  
None

---

## 16. OTHER INFORMATION

Revision 0      Revision Date: 15.10.98  
Revision 1      Revision Date: 24.06.02  
Revision 2      Revision Date: 26.07.04

Supplier details correction, change tel. no.

### DISCLAIMER

*The information in the MSDS relates to this specific material. If the product is used as a component in any other product, this MSDS may not be valid. The information contained was obtained from sources which we believe are reliable. The information is provided without any warranty, expressed or implied, regarding its correctness.*

*This Material Safety Data Sheet was prepared according to Directive 2001/58/EC.*