

SDS (Safety Data Sheet) / MSDS (Material Safety Data Sheet)

COPTROL Safety Data Sheet /MSDS

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AQUATIC
TECHNOLOGIES

IDENTIFICATION

Product Name: Coptrol
Other Names: A chelated copper compound
Dangerous Goods Class and Subsidiary Risk: Not applicable
Chemical Family: Chelate of copper
Poisons Schedule Number: Exempt
Use: Aquatic Algicide

Physical Description/Properties

Appearance: Dark blue viscous liquid
Boiling Point/Melting Point (°C): 102
Vapour Pressure: As water
Vapour Density (Air = 1): 3.7
Density: 1.25 kg/L
Flashpoint: Method used 172
Flammability Limits: Not determined
Solubility in Water: Completely soluble

Other Properties:

pH: 9.6
Formulation: Inorganic/Organic Liquid Copper Compound

Ingredients

Chemical Name:	Proportion (g/l)
Copper Chelate	800 - 850
Water	150 - 200

HEALTH HAZARD INFORMATION

First Aid If poisoning occurs, immediately contact a doctor or Poisons Information Centre (telephone 13 11 26) and follow the advice given. Show this Material Safety Data Sheet to a doctor.

Health Effects: No adverse health effects expected if product is handled according to label directions and safety Data Sheet.

Acute: Ingestion: Oral intake can lead to gastro intestinal inflammation, abdominal pain, vomiting and diarrhoea

Eye: May irritate
Skin: May irritate
Inhaled: May irritate

Chronic: Ingestion: Induce vomiting - consult a doctor immediately.
Eye: Hold eyelids open and flood with water.
Skin: Wash skin thoroughly.
Inhaled: Remove to fresh air. Consult a doctor.

First Aid Facilities: Ensure washing facilities are available.
Advice to Doctor: Show this Material Safety Data Sheet to doctor.

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PRECAUTIONS FOR USE

Personal Protection:	To avoid eye and skin contact; wearing of the following personal, protective clothing and equipment is recommended: Eyes: Wear goggles or face shield Clothing: N/A Gloves: Use elbow length rubber gloves Respiratory: Wear mask Other: Avoid use in confined spaces
Flammability:	Not determined
Restraints	May be toxic to Australian native fish and crustacea. Use with extreme caution and only where algal infestation poses a serious threat to native fish.

SAFE HANDLING INFORMATION

Storage & Transport:	No special precautions necessary. Coptrol is not classified as 'Dangerous Goods' by the relevant authorities.
Spills and disposal:	
Spillage or Leak Procedures:	Wash with plenty of water.
Waste Disposal Methods:	Wash away with water.
Fire/Explosion Hazard:	
Extinguishing Media:	N/A
Special Fire-Fighting Procedures:	Auto ignition temperature 660°C
Reactivity Hazards:	Product is stable. Hazardous polymerisation will not occur
Hazardous Decomposition Products:	Toxic vapour of nitrogen oxides and carbon dioxides on combustion.
Conditions to Avoid:	Contact with strong acids and nitrites.

OTHER INFORMATION:

Toxicology	Coptrol is registered for use in potable water Components of COPTROL are exempted from the schedules of NHMRC Uniform Poisons Standard
Environmental/Ecological effects: (technical chelate of copper)	Given the algae specific nature of COPTROL and the standard NH&MRC recommendation with which it conforms the possible hazard is negligible.
Special Precautions/ Comments	Read label before use.

The information in this MSDS is given in good faith and summarises the latest knowledge available. Any express or implied warranty as to the accuracy of the above information and shall not be held liable for any incidental or consequential damages resulting from reliance on the above information.

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