
Material Safety Data Sheet



RURAL CHEMICAL INDUSTRIES (AUST.) PTY LTD

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110203

Statement of Hazardous Nature:

IDENTIFICATION

Product Name: Coptrol

Other Names: A chelated copper compound

Manufacturer's Product Code: Not applicable

SAP Product Code: Not applicable

UN Number: Not applicable

Dangerous Goods Class and Subsidiary Risk: Not applicable

Hazchem Code: Not applicable

Proper Shipping Name: Not applicable

Packaging Group: Not applicable

EPG: 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:	CAS Number	Proportion (g/l)
Copper Chelate		800 - 850
Water		150 - 200

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HEALTH HAZARD INFORMATION

Health Effects:*Acute:*

Swallowed: Oral intake can lead to gastro intestinal inflammation, abdominal pain, vomiting, diarrhoea

Eye: May irritate

Skin: May irritate

Inhaled: May irritate

*Chronic:***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.

Swallowed: Induce vomiting – consult a doctor

Eye: Hold eyelids open and flood with water

Skin: Wash skin thoroughly.

Inhaled: Consult a doctor

First Aid Facilities; Ensure washing facilities are available.

Advice to Doctor:

PRECAUTIONS FOR USE

Exposure Standards:

Engineering Controls:

Personal Protection:

To avoid eye and skin contact, wearing the following personal protective clothing and equipment is recommended:

Eyes:

Clothing:

Gloves: Use elbow length rubber gloves

Respiratory: Wear mask

Other: Avoid use in confined spaces

Flammability:

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

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Storage & Transport:

Corrosivity hazards:	Not Applicable
Handling & Storage Precautions:	No special precautions necessary
Transport:	No special precautions necessary

Spills and disposal:

Spillage or leak Procedures:	Wash with plenty of water
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Waste Disposal Methods:	Wash away with water
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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 dioxide on combustion

OTHER INFORMATION:

Toxicology	Coptrol is registered for use in potable water Components of COPTROL are exempted from the schedules of NHMRC Uniform Poisons Standard
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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
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Special Precautions/ Comments	Read label before use. Avoid Use in Confined Spaces
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