



COLIN CAMPBELL (CHEMICALS) PTY. LTD.

SAFETY DATA SHEET

Date of Issue: 1 December 2016

1) IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: CAMPBELL TRICOP FUNGICIDE
Other Names: Copper octanoate
Chemical Group: Copper salt
CAS No.: 2650-18-2
Recommended Use: Control of fungous diseases of certain vegetables.
Supplier Details: Colin Campbell (Chemicals) Pty Ltd ABN 29 000 045 590
5 Blackfriar Place
Wetherill Park NSW 2164
Telephone: (02) 9725 2544
Fax: (02) 9604 7768
Email: cccsyd@campbellchemicals.com.au
Website: www.campbellchemicals.com.au
Contact: Product Development Manager – (02) 9725 2544
Emergency Telephone Number: 13 11 26 (Poisons Information Centre)

2) HAZARDS IDENTIFICATION

GHS classification: Not a hazardous substance or mixture.
GHS Signal Words: No signal word required.
Hazard Statements : No hazard statements required.

General Precautionary Statements : P102 Keep out of reach of children.
P103 Read label before use.

Pictograms : No pictograms required.

Precautionary statements Prevention: P262 : Do not get in eyes, on skin, or on clothing.

Precautionary statements Response: P264: Wash hands thoroughly after handling.
P362 : Remove and wash contaminated clothing before reuse.

Storage : P402 : Store in a dry place.
P404 : Store in a closed container.

Disposal: P501 Dispose of contents/container to an approved waste disposal plant.

Other information : Non-dangerous and non-hazardous goods as defined by WHS.



COLIN CAMPBELL (CHEMICALS) PTY. LTD.

SAFETY DATA SHEET

Date of Issue: 1 December 2016

3) COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration
Copper octanoate	N/A	10%

4) FIRST AID MEASURES

**If poisoning occurs, move out of dangerous area immediately contact a doctor or Poison Information Centre (Ph: 13 11 26) and follow the advice given.
Show this Safety Data Sheet to the doctor.**

If inhaled:	First aid is not generally required.
In case of skin contact:	Carefully remove contaminated clothing and shoes immediately. Wash affected areas with mild soap and plenty of water.
In case of eye contact:	If irritation does occur, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing cautiously for several minutes.
If swallowed:	Rinse mouth and afterwards drink plenty of water. DO NOT induce vomiting. If symptoms develop, call a doctor.
First Aid facilities	Ensure eye wash and safety shower are available.
Medical Attention:	No information on symptoms. The first aid procedure should be established in consultation with a doctor responsible for industrial medicine.

5) FIRE FIGHTING MEASURES

Extinguishing media	Water fog or mist, carbon dioxide, foam or dry chemical.
Hazard from combustion products	In a fire, formation of carbon monoxide, carbon dioxide can be expected.
Precautions for fighting fires	Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Keep unnecessary people away. If it can be done safely remove intact containers from the fire. Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire residues and contaminated fire extinguishing water in accordance with local regulations. Do not release contaminated water into the environment.
Hazchem Code	Not established



COLIN CAMPBELL (CHEMICALS) PTY. LTD.

SAFETY DATA SHEET

Date of Issue: 1 December 2016

6) ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled material or contaminated surfaces. Do not smoke, eat or drink during the clean up process. Wear personal protective clothing and equipment as detailed in Section 8 PERSONAL PROTECTION. Keep people and animals away. Ensure adequate ventilation. Contain spill and absorb with earth, sand, clay or other absorbent material. Prevent spilled material from entering drains or watercourses. Collect and store in properly labelled drums for safe disposal. Clean floor with a damp cloth and place it in the drum. Seal drums and label ready for safe disposal. Deal with all spillages immediately. If contamination of drains, streams, watercourses etc is unavoidable warn the local water authority.

7) HANDLING AND STORAGE

Handling When using do not eat, drink or smoke. Do not inhale spray mist. After use and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves and contaminated clothing.

Storage Store in the tightly closed original container in a cool well ventilated area out of sunlight. Do not reuse empty container. Do not store with food, feed or other materials to be used or consumed by humans and animals.

8) EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Standards No TWA has been established.
Exposure standard – Time Weighted Average (TWA) means the average airborne concentration of a particular substance when calculated over a normal eight hour working day, for a five-day working week.

Biological Limit Values None allocated

Engineering Controls Control process conditions to avoid contact. Use in a well ventilated area only. Facilities storing or utilising this material should be equipped with an eyewash facility and safety shower.

Personal Protective Equipment

Eyes:	Safety goggles. Eye wash bottle with pure water.
Clothing:	Impervious overalls buttoned to the neck and wrists and a washable hat.
Gloves:	Polyvinyl alcohol or nitrile-butyl-rubber gloves. Before removing gloves clean them with soap and water.
Respiratory:	Not necessary unless adequate ventilation is inadequate. If inhalation is likely an AS/NZS 1715/1716 approved respirator should be worn.



COLIN CAMPBELL (CHEMICALS) PTY. LTD.

SAFETY DATA SHEET

Date of Issue: 1 December 2016

9) PHYSICAL AND CHEMICALS PROPERTIES

Appearance:	Viscous blue liquid.
Odour:	Fatty odour
pH:	6.50
Vapour pressure:	Not available.
Vapour density:	Not available
Boiling point:	No data
Freezing/Melting point:	Not available
Solubility:	Dispersible in water.
Specific gravity:	1.05
Viscosity:	Not determined
Flash point:	Not available
Flammability (explosive) limit:	Not applicable
Auto ignition temperature:	Not available
Partition coefficient (octanol/water):	Unknown

10) STABILITY AND REACTIVITY

Chemical stability:	Stable against heat, acid, alkali, and sunlight under normal conditions of use and storage.
Conditions to avoid:	No data available
Incompatible materials :	Oxidising agents and acids.
Hazardous decomposition products:	In a fire, formation of carbon monoxide, carbon dioxide can be expected.
Hazardous reactions:	Stable under recommended storage conditions. No decomposition if used as directed.

10) TOXICOLOGICAL INFORMATION

Inhalation:	Slight irritant..
Skin contact:	Slight irritant
Eye contact:	Causes slight irritation (reversible)
Ingestion:	May cause cramps or nausea.
Chronic toxicity:	
Germ cell mutagenicity:	Substance is not listed



SAFETY DATA SHEET

Date of Issue: 1 December 2016

Carcinogenicity:	Substance is not listed by IARC or NTP
Toxic to reproduction:	Substance is not listed
Specific target organ toxicity (repeated exposure):	Substance is not listed
Acute toxicity:	
Oral toxicity:	LD ₅₀ (oral) (rat) >2,000 mg/kg
Dermal toxicity :	LD ₅₀ (dermal) (rat) >2,000 mg/kg
Inhalation toxicity:	No data available.
Sensitisation:	No data available.
Respiratory sensitisation	No data available.
Specific target organ toxicity (single exposure):	No data available.

11) ECOLOGICAL INFORMATION

DO NOT contaminate streams, rivers or waterway with this product or the used containers.

Ecotoxicity: No data available.

Environmental fate, persistence and degradability, mobility No data available.

Identified harmful effects on environment: There is no other data available for this product.

Other precautions: This product may be toxic to fish and aquatic organisms. Do not apply directly to water.

12) DISPOSAL CONSIDERATIONS

This product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used containers. Triple or preferable pressure rinse containers before disposal. Add rinsings to the mixing tank. Do not dispose of undiluted chemical on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt. Do not reuse empty containers.



COLIN CAMPBELL (CHEMICALS) PTY. LTD.

SAFETY DATA SHEET

Date of Issue: 1 December 2016

13) TRANSPORT INFORMATION

International regulation

UNRTDG	Not regulated as a dangerous good.
IATA-DGR	Not regulated as a dangerous good
IMDG-Code	Not regulated as a dangerous good.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code :	Not applicable for product as supplied.

National Regulations

ADG Code

Not considered as a dangerous good for transport by road or rail in Australia under the Australian Dangerous Goods Code.

14) REGULATORY INFORMATION

Registered under the Agricultural and Veterinary Chemicals Act 1988 (Commonwealth) Australian Pesticides and Veterinary Medicines Authority approval number: 53090

15) OTHER INFORMATION

Date of revision : 1 December 2016
Reason for revision : Upgrading to GHS format.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of the how the product will be handled and used in the workplace including in conjunction with other products.

END OF SDS