

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 20.5.2020

Revision: 20.5.2020

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: COP-IT FUNGICIDE**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:**

Copper fungicide / bactericide for control of various diseases of fruit and vegetables.

Details of Manufacturer or Importer:

Agspec Australia Pty Ltd

Lot 1, Wandilo Road

Wandilo, via Mt Gambier, SA 5290

Phone Number: +61 427 490 551**Emergency telephone number:** +61 427 490 551

2 . HAZARDS IDENTIFICATION

Hazardous Nature:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Aquatic Acute 2 H401 Toxic to aquatic life.

Signal Word Void**Hazard Statements**

H401 Toxic to aquatic life.

Precautionary Statements

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

23087-46-9	Copper ammonium complex	9.3%
	⚠ Aquatic Acute 1, H400; ⚠ Acute Toxicity (Oral) 4, H302; Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2A, H319; STOT SE 3, H335	

4 . FIRST AID MEASURES

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

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Ingestion:

If swallowed, do not induce vomiting. Give a glass of water. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: If vapors, mists or sprays of this product are inhaled they may irritate the nose, throat and lungs.

Skin Contact: May cause reddening, discomfort and mild to moderate irritation.

Eye Contact: May cause mild to moderate irritation and pain.

Ingestion: May cause vomiting, weakness, abdominal cramps, headache, diarrhea, nausea, vomiting and dizziness.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of nitrogen, copper compounds and ammonia.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 . ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

7 . HANDLING AND STORAGE

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed in upright position. Do not store for prolonged periods in direct sunlight. Empty containers may contain residual liquid or vapours so empty containers should be handled with care. Protect from extreme heat. Many copper compounds form highly unstable acetylides. This solution will not be compatible with strong oxidizers and water-reactive materials.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation of the working area.

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Respiratory Protection:

If ventilation is inadequate, an approved dust/mist respirator may be required. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:**Form:****Liquid Colour:**

Dark blue

Odour:

Vinegar odour

Odour Threshold:

No information available

pH-Value:

No information available

Melting point/Melting range:

No information available

Initial Boiling Point/Boiling Range:

>100 °C

Flash Point:

Not applicable

Flammability:

Product is not flammable.

Auto-ignition Temperature:**Decomposition Temperature:**

No information available

Explosion Limits:**Lower:**

Not applicable

Upper:

Not applicable

Vapour Pressure:

Not determined.

Density:

No information available

Relative Density at 15 °C:

1.16

Vapour Density:

No information available

Evaporation Rate:

No information available

Solubility in Water:

Completely soluble

Partition Coefficient (n-octanol/water): No information available

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: Extreme heat

Incompatible Materials:

Many copper compounds form highly unstable acetylides. This solution will not be compatible with strong oxidizers and water-reactive materials.

Hazardous Decomposition Products: Oxides of nitrogen, copper compounds and ammonia.

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11 . TOXICOLOGICAL INFORMATION

Toxicity:

Acute Health Effects

Inhalation: If vapours, mists or sprays of this product are inhaled they may irritate the nose, throat and lungs.

Skin: May cause reddening, discomfort and mild to moderate irritation.

Eye: May cause mild to moderate irritation and pain.

Ingestion:

May cause can vomiting, weakness, abdominal cramps, headache, diarrhea, nausea, vomiting and dizziness.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met. **Serious**

Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects:

Prolonged or repeated skin contact can lead to dermatitis and skin sensitization reactions (e.g. rashes, welts). Liver and kidney disorders and adverse effects on the lungs may also occur as a result of chronic exposures.

Existing Conditions Aggravated by Exposure: No information available

12 . ECOLOGICAL INFORMATION

Ecotoxicity: Non toxic to bees and low toxicity to birds.

Aquatic toxicity: Toxic to aquatic organisms.

Persistence and Degradability: This product is biodegradable.

Bioaccumulative Potential: No information available

Mobility in Soil: No information available

Other adverse effects: No information available

13 . DISPOSAL CONSIDERATIONS

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14 . TRANSPORT INFORMATION

UN Number

ADG

IMDG, IATA

Not regulated

UN3082

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Proper Shipping Name**ADG**

Not regulated

IMDG, IATAEnvironmentally hazardous substance, liquid, N.O.S.
(copper ammonium acetate 93 g/L)**Dangerous Goods Class****ADG Class:**

Not regulated

IMDG Class:

9 Miscellaneous dangerous substances and articles.

Packing Group:**ADG**

Not regulated

IMDG, IATA

III

Marine pollutant:

Yes

EMS Number:

F-A,S-A

Hazchem Code:

.3Z

Special Provisions:

179, 274, 331, 335, AU01

Limited Quantities:

5L

Packagings & IBCs - Packing Instruction:

P001, IBC03, LP01

Packagings & IBCs - Special Packing Provisions: PP1**Portable Tanks & Bulk Containers - Instructions:** T4**Portable Tanks & Bulk Containers - Special Provisions:**

TP1, TP29

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances: This chemical is not found in AICS.**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**
Not Scheduled.

16 . OTHER INFORMATION

Date of Preparation or Last Revision: 20.5.2020**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1

Aquatic Acute 2: Hazardous to the aquatic environment, short-term (Acute). Category 2

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011”

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Agspec Australia Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. Agspec Australia Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.