

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Hi-Cop  
**Product Type:** Liquid Fertilizer  
**Company Name:** Hi-Tech Ag Solutions  
24 Shanahan Road (PO Box 5351)  
Davenport WA 6230 Australia  
**Phone:** 08 9725 7322  
**Emergency Contact:** 0499 944 099  
**Date of Issue:** 04<sup>th</sup> December 2024

### 2. HAZARDS IDENTIFICATION

**Hazard Classification:** Hazardous Substance according to the criteria of GHS classification.  
Non- Dangerous goods according to the Australia Dangerous Goods Code.

**GHS Classification:** Serious Eye Irritation – Cat 2  
Skin Irritation – Cat 2  
Hazardous to the aquatic environment – Cat 2

**Signal Word:** Warning

**Label Elements**



**Hazard Statements**  
H315 – Causes skin irritation  
H319 – Causes serious eye irritation  
H411 – Toxic to aquatic life with long lasting effects

**Precautionary Statements**  
P264 – Wash hands thoroughly after handling  
P270 – Do not eat, drink or smoke while handling product  
P280 – Wear protective clothing

**Response**  
P310 – IF SWALLOWED, immediately call the Poison Centre  
P305 + 351 + 338 IF in EYES, rinse thoroughly, remove contact lenses if present.  
P337 + 313 – If Eye irritation occurs, seek medical attention.  
P302 + P352 – IF On Skin -: Wash with plenty of soap and water  
P362 – Take off contaminated clothing

**Disposal** P501 - Dispose of contents/container in accordance with local/regional/national regulations

### 3. INFORMATION ON INGREDIENTS

Chemical	Cas No	% Proportion
Copper Sulphate	7758-99-8	10 - 30
Water		% Balance

### 4. FIRST AID MEASURES

**Inhalation:** Not a volatile liquid, if inhaled, blow out and seek medical attention if irritation persists

**Skin Contact:** Remove contaminated clothing, rinse skin off immediately with plenty water

**Eye:** Wash eyes immediately with plenty of water or a neutral saline solution, seek medical attention.

**First Aid Facilities:** Water or neutral saline solution for eyewash and normal washroom facilities

**Advice to Doctor:** Treatment would be supportive.

**Other Information:** For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

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### 5. FIRE FIGHTING MEASURES

<b>Fire Explosion/Hazard</b>	Non-Flammable in a water based medium.
<b>Precautions in connection with Fire:</b>	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) Dike area to prevent runoff and contamination of water sources.
<b>Hazchem Code:</b>	Not Regulated

### 6. ACCIDENTAL RELEASE MEASURES

<b>Spills and Disposal:</b>	Wear appropriate personal protective equipment and clothing to minimise exposure. If possible, contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs, inform the local water and waste management authorities in accordance with local regulations.
<b>Other Information:</b>	Large spills may be reportable to the state and/or local regulatory agencies.

### 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling:</b>	Use only in a well-ventilated area. Keep containers sealed when not in use. Avoid inhalation of vapours and mists, and skin, eye, or clothing contact. Remove clothing if product gets inside, wash thoroughly Remove Personal Protective Equipment (PPE) after handling this product, Maintain high standards of personal hygiene.
<b>Conditions for Safe Storage:</b>	Store in a cool, dry, well-ventilated area, out of direct sunlight and reach of children. Store in original, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations. Store away from incompatible material.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>National Exposure Standards:</b>	No exposure value assigned for this specific material
<b>Biological Limit Values:</b>	No biological limits allocated.
<b>Engineering Controls:</b>	No information available
<b>PPE</b>	
<b>Eye Protection:</b>	Safety glasses with side shields
<b>Hand Protection:</b>	Wear gloves of impervious material
<b>Body Protection:</b>	To avoid contact with skin, wear coveralls



**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Dark Blue- Green Liquid	<b>Solubility in Water:</b>	Miscible
<b>Specific Gravity:</b>	1.14 – 1.26	<b>Flash Point:</b>	N/A
<b>pH Value</b>	2.1 – 3.0	<b>Flammability:</b>	Not flammable
<b>Boiling Point</b>	No data available	<b>Vapour pressure</b>	No data available
<b>Melting Point</b>	No data available	<b>Evaporation Rate</b>	No data available

Note: Physical data typical values but may vary from sample to sample. A typical value should not be construed as a guaranteed analysis or as a specification.

### 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Stable liquid with no hazardous decomposition products.
<b>Chemical Stability:</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid:</b>	No information available
<b>Incompatible Materials:</b>	No information available.
<b>Hazardous decomposition Products:</b>	Hazardous polymerisation does not occur.

### 11. TOXICOLGY INFORMATION

<b>Acute Oral Toxicity:</b>	Data not available
<b>Ingestion:</b>	May Cause stomach distress, nausea, or vomiting.
<b>Skin</b>	May cause skin irritation.
<b>Eye:</b>	Severe eye irritation.
<b>Respiratory:</b>	Mild irritant
<b>Germ Cell Mutagenicity:</b>	Data not available
<b>Carcinogenicity</b>	Data not available
<b>Reproductive Toxicity:</b>	Data not available
<b>STOT – single exposure</b>	Data not available
<b>STOT- repeated exposure:</b>	Data not available

### 12. ECOLOGICAL INFORMATION

<b>Persistence &amp; degradability:</b>	Data not available
<b>Bio accumulative potential:</b>	Data not available
<b>Mobility in soil:</b>	Data not available

### 13. DISPOSAL CONSIDERATIONS

Dispose of in appropriately licence general landfill site in accordance with local, state, and federal regulations. Waste should be labelled. Special arrangements made to bury bulk waste upon dumping, limiting exposure.

### 14. TRANSPORTATION INFORMATION

The product is a not considered a dangerous good and not subject to the provisions of ADR (road), RID (railway), IMDG (sea) or IATA (airplane).

### 15. REGULATORY INFORMATION

**Poisons Schedule:** Not a scheduled poison (standard for the uniform scheduling of drugs and poisons NO. 22)

### 16. OTHER INFORMATION

This information is based on collective and current knowledge, is intended to describe the product for purposes of safety, environmental and health requirements only. It should therefore not be construed as guaranteeing any specific property of the product. The SDS is prepared by Hi Tech Ag (PTY) LTD

#### Key/Legend

<	Less Than	atm	Atmosphere
>	Greater Than	CAS	Chemical Abstracts Service (Registry Number)
<b>AICS</b>	Australian Inventory of Chemical Substances	cm <sup>2</sup>	Square Centimetres
<b>CO<sub>2</sub></b>	Carbon Dioxide	COD	Chemical Oxygen Demand
<b>(°C)</b>	Degrees Celsius	K	Kelvin
g	Grams	GHS	Globally Harmonised System
g/cm <sup>3</sup>	Grams per Cubic Centimetre	g/l	Grams per Litre
mmHg	Millimetre of Mercury	Kg	Kilogram
Kg/m <sup>3</sup>	Kilograms per cubic metre	lb	Pound

# SAFETY DATA SHEET

## Hi-Cop

LC50	Lethal Concentration of a material in air which causes the death of 50% of a group of test animals.		LD 50	Lethal dose of material given all at once, which causes death of 50% of a group of test animals.
Ltr/L	Litre		m³	Cubic meter
mbar	Minibar		mg	Milligram
mg/24H	Milligrams per 24 Hour		mg/kg	Milligrams per Kilogram
mg/m³	Milligrams per Cubic Metre		mm	Millimetre
mmH2O	Millimetres of Water		mPa.s	Millipascals per Second
N/A	Not Applicable		NIOSH	National Institute for Occupational Safety and Health
NOHSC	National Occupational Health and Safety Commission		OECD	Organisation for Economic Co-operation & Development
Oz	Ounce		PEL	Permissible Exposure Limit
Pa	Pascal		ppb	Parts per Billion
ppm	Parts per Million		ppm/2h	Parts per Million per 2 Hours
ppm/6h	Parts per Million per 6 Hours		psi	Pounds per Square Inch
R	Rankine		RCP	Reciprocal Calculation Procedure
STOT	Specific Target Organ Toxicity		TLV	Threshold Limit Value
Tne	Tonne		TWA	Time Weighted Average
µg/24H	Micrograms per 24 Hours		UN	United Nations
wt.	Weight		Immiscible : Liquids are insoluble in each other	
Misc. or Miscible liquids form one homogenous liquid phase regardless of the amount of either component.				

**Issued By: Hi-Tech Ag Solutions**

**SDS – Hi-Cop – Ver 1.2**

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