

# VETPAK SAFETY DATA SHEET

## Section 1: Identification of the Substance or Mixture and of the Supplier

**Product Name: COPPER 2 GO**

**Other names:** Calcium carbonate, limestone.

**Recommended Use:** An oral solution of Copper Sulphate containing 80mg elemental copper per ml. An essential trace element that is used in a number of metabolic processes including growth and reproduction, the immune function and rumen metabolism.

**Company Details:** Vetpak Ltd.

**Address:** 249 Bruce Berquist Dr, Te Awamutu 3800.

**Telephone Number:** (07) 870 2024

**Emergency Telephone Number/s: (0800) 764-766 24 hours** National Poisons Centre, Department of Preventative and Social Medicine, University of Otago, P O Box 913, Dunedin, New Zealand.  
**(07) 870 2024** Vetpak. 8.00am to 5.00pm Monday to Friday except public holidays.

**Date of Review:** 12<sup>th</sup> September 2019

## Section 2: Hazards Identification

### STATEMENT OF HAZARDOUS NATURE

**This product is HAZARDOUS IN THIS FORM AND AT THIS STRENGTH.**

Handle correctly and as directed by this SDS.

### HAZARD LABELLING WARNING



### HAZARD CLASSIFICATION AND STATEMENTS

HSNO	HSNO	GHS	Signal Word	GHS Hazard Statement
6.1E	Acute Toxicity (All)	Category 5	Warning	H303 H313 H333 May be harmful if swallowed, in contact with skin, if inhaled
6.3A	Skin Irritation	Category 2	Warning	H315 Causes skin irritation
6.4A	Serious eye damage/ eye irritation	Category 2	Warning	H319 Causes serious eye irritation
6.5B	Contact sensitiser	Category 1	Warning	H317 May cause an allergic skin reaction
6.9B	Harmful to human target organs or systems	Category 2	Warning	H371; H373 May cause damage to liver and kidneys
9.1B	Aquatic toxicity	Category 1	Warning	H400 Very toxic to aquatic life

### Prevention Statements:

P102: Keep out of reach of children.

P103: Read label before use.

P260: Do not breathe mist/vapours/spray

P264: Wash hands thoroughly after use.

P270: Do not eat, drink or smoke when handling this product.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves / clothing and eye / face protection.

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## Section 3: Composition / Information on Ingredients:

### COMPOSITION

Ingredient	CAS Number	% w/w	HAZARDOUS
Water	7732-18-5	>60	No
Copper Sulphate Pentahydrate (>10 – 24% in a non-hazardous diluent)	7758-99-8	10-30	Yes 6.1E; 6.3A; 6.4A; 6.5B; 6.9B; 9.1B
Blue Dye	3844-45-9	<10	Yes 6.3B; 6.4A

## Section 4: First Aid Measures:

**Swallowed:** Rinse mouth, then drink plenty of water. Do not induce vomiting. If vomiting occurs, give further water to drink. Get medical advice/attention.

**Skin:** Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention.

**Eye:** Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. If eye irritation persists, get medical advice/attention

**Inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing until recovered. If respiratory symptoms persist, get medical advice/attention. Apply resuscitation if victim is not breathing - Administer oxygen if breathing is difficult.

**Workplace Facilities:** Eye bath, washing facilities.

**Notes for Medical Personnel:** Treat patient symptomatically.

## Section 5: Fire Fighting Measures

**Type of Hazard:** Not hazardous.

**Fire Hazard Properties:** Not flammable

**Extinguishing Media & Methods:** Use extinguishing media appropriate to surrounding fire conditions.

**Recommended Protective Clothing:** Fire-fighters should wear full protective clothing including self-contained breathing apparatus as required for the surrounding fire.

## Section 6: Accidental Release Methods

**Procedures to be covered:** Isolate and contain spill. Transfer into labelled, sealable containers for product recovery or safe disposal. As a precaution, avoid contact with skin and eyes. Wear appropriate personal protective equipment recommended in Section 8. Minimise release of the material to the environment. Dispose spilled material and empty containers in accordance with local government regulations.

## Section 7: Handling and Storage

**Handling:** Transport upright in original labelled container with lid securely fastened.

**Storage:** Store in original labelled container with lid securely fastened. Protect from physical damage.

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## Section 8: Exposure Controls / Personal Protection

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**Workplace Exposure Standards:** Not available

**Engineering Controls:** Provide eyewash station and running fresh water.

**Personal Protective Equipment (PPE):** Wear protective gloves, protective goggles, overalls and protective footwear.



**General hygiene:** Wash hands after use.

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## Section 9: Physical and Chemical Properties

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**Appearance (physical state, colour etc.):** Liquid

**Odour:** Odourless

**pH:** No data

**Melting Point/Freezing Point (°C):** No data

**Boiling Point (°C):** No data

**Flash Point (°C):** Not flammable.

**Flammability:** Not flammable

**Lower Flammability/Explosive Limit:** Not flammable

**Upper Flammability/Explosive Limit:** Not flammable

**Auto-ignition Temperature (°C):** Not flammable

**Vapour Pressure:** No data

**Vapour Density:** No data

**Relative Density:** No data

**Solubility in Water:** Soluble

**Specific Gravity:** No data

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## Section 10: Stability and Reactivity

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**Stability of the Substance:** The product is stable.

**Conditions to avoid:** None

**Material to avoid:** None

**Hazardous decomposition Products:** Oxides of copper and sulphur

**Hazardous polymerization:** Does not occur.

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## Section 11: Toxicological Information

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**Acute Effects:** No Data

**Swallowed:** Ingestion of this product may irritate the gastrointestinal tract causing nausea and vomiting

**Skin:** Repeated or prolonged contact may cause irritation

**Eye:** May cause irritation.

**Inhaled:** No specific disorder or effects are identified. Inhalation of vapor, mist, spray, aerosol may cause slight respiratory tract irritation.

**Chronic Effects:** Not known

**Toxicity:** No Data

**Irritation/Corrosion:** No Data

**Carcinogenic Effects:** Not a known carcinogen

**Mutagenic Effects:** Not available

**Reproductive or developmental effects:** Not available

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## Section 12: Ecological Information

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**Potential Environmental Considerations:** Avoid any contamination of fresh waterways. May be hazardous to aquatic species.

**Ecotoxicity in water:**

**Chronic:** No Data

**Phytotoxicity:** No Data

**Persistence and Degradability:** No Data

**Mobility:** No Data

**Bioaccumulation:** No Data

**BOD and COD:** No Data

**Products of Biodegradation:** No Data

**Toxicity of the Products of Biodegradation:** No Data

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## Section 13: Disposal Considerations

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**Disposal Information:** Triple rinse containers and recycle where appropriate. Dispose of in a landfill area in accordance with local government regulations.

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## Section 14: Transport Information

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**Hazard Class:** 6.1E; 6.3A; 6.4A; 6.5B; 6.9B; 9.1B

**UN Number:** None

**Packing Group:** None

**Hazchem Code:**

**Land Transport:** Check regulations

**Sea Transport:** Check regulations

**Air Transport:** Check regulations

**Other Information:** Handle with care. Stack correctly. Transport upright in the original container with the lid tightly closed. Avoid spillage and any release into the environment.

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## Section 15: Regulatory Information

**HSNO Approval Number:** N/A

**HSNO Classifications: None**

6.1E (Acute toxicity)

6.3A (Skin irritant)

6.4A (Serious eye damage/irritation)

6.5B (Contact sensitiser)

6.9B (Harmful to human target organs or systems)

9.1B (Aquatic toxicity)

**Regulatory status:** No special regulatory status.

## Section 16: Other Information

### Interpretation and Abbreviations

Controls applying to a substance:

- \* denotes that changes have been made to these controls, further information on these changes is located in the transfer notice for that substance,
- ( R ) abbreviation for the term Regulation of the Hazardous Substances regulations

IARC – International Agency for Research on Cancer.

IDLH – Immediately Dangerous to Life or Health Concentrations.

ISHL – Japanese Industrial Safety and Health Law List of Chemicals.

LOEL – Lowest Observed Effect Level.

LD<sub>Lo</sub> – Lethal Dose Low (the lowest dosage per unit of bodyweight of a substance known to have resulted in fatality in a particular animal species).

MAK – Maximum workplace concentration in the workplace air that generally does not have known adverse effects on the health of the employee nor cause unreasonable annoyance when a person is repeatedly exposed during long periods, usually 8 hours daily, 40hour working week).

NOEC – No Observed Effect Concentration.

NTP – National Toxicology Program.

NZIoC – New Zealand Inventory of Chemicals.

OECD HPV – The Organisation for Economic Co-operation and Development High Product Volume Chemicals.

PEL – Permissible exposure limit.

PPE – Personal Protective Equipment.

RTECS – Registry of Toxic Effects of Chemical substances

STEL – Short term exposure limit.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

VOC – Volatile Organic Compounds.

**Date of Preparation/Review:** 12<sup>th</sup> September 2019

**Sources of key data used to compile the datasheet:**

Manufacturers SDS

NZ EPA CCID

### **DISCLAIMER**

*The information contained in this safety data sheet was obtained from current and reliable sources.*

*This data is supplied without warranty, expressed or implied, regarding its correctness and accuracy.*

*It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.*

**END OF SDS**