

VETPAK SAFETY DATA SHEET

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

Product Name: COBALT 2 GO

Other names: Cobalt Sulphate, Cobalt (II) Sulphate, Cobaltous Sulphate

Recommended Use: A solution of Cobalt Sulphate providing 8.4mg elemental cobalt per ml. An essential trace element necessary for a wide variety of enzyme systems and 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: 12th September 2019

Section 2: Hazards Identification

STATEMENT OF HAZARDOUS NATURE

This product is generally recognized as safe (non-hazardous) IN THIS FORM AND AT THIS STRENGTH. Handle correctly and as directed by this SDS.

This is the products **end** use.

HAZARD LABELLING WARNING

N/A

HAZARD CLASSIFICATION AND STATEMENTS

HSNO	HSNO	GHS	Signal Word	GHS Hazard Statement
N/A				
N/A				

Section 3: Composition / Information on Ingredients:

COMPOSITION

Ingredient	CAS Number	% w/w	HAZARDOUS
Water	7732-18-5	>60	No
Cobalt Sulphate Heptahydrate	10026-24-1	>99	Yes 6.1D; 6.3A; 6.4A; 6.5A; 6.5B; 6.7B; 6.8B; 6.9A; 9.1A; 9.3B
Red Dye	2611-82-7	<10	No
Blue Dye	3844-45-9	<10	Yes 6.3B; 6.4A

VETPAK SAFETY DATA SHEET

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.

Section 8: Exposure Controls / Personal Protection

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.

VETPAK SAFETY DATA SHEET

Section 9: Physical and Chemical Properties

Appearance (physical state, colour etc.): Red/purple 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

Section 10: Stability and Reactivity

Stability of the Substance: The product is stable.

Conditions to avoid: None

Material to avoid: None

Hazardous decomposition Products: Oxides of sulphur

Hazardous polymerization: Does not occur.

Section 11: Toxicological Information

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: Cobalt and cobalt compounds are suspected carcinogenic by inhalation. (IARC)

Mutagenic Effects: Not available

Reproductive or developmental effects: Cobalt and cobalt compounds may effect the human reproductive system

VETPAK SAFETY DATA SHEET

Section 12: Ecological Information

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

Section 13: Disposal Considerations

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

Section 14: Transport Information

Hazard Class: None

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.

Section 15: Regulatory Information

HSNO Approval Number: N/A

HSNO Classifications: None

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

AICS – Australian Inventory of Chemical Substances

AOX – Absorbable organic halogens.

APF – Assigned Protection Factor.

BOD – Biochemical Oxygen Demand China

Cobalt 2 Go

12th September 2019

Page 4 of 5



VETPAK SAFETY DATA SHEET

COD – Chemical Oxygen Demand
DSL – Canadian Domestic Substances List.
EINECS – European Inventory of Existing Commercial Chemical Substances.
ENCS – Japanese Existing and New Chemical substances.
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_{LO} – 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).
NOAA – National Oceanic and Atmospheric Administration.
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.
Prop 65 – California Proposition 65 List of Chemicals.
RTECS – Registry of Toxic Effects of Chemical substances
STEL – Short term exposure limit.
TOC – Total Organic Carbon.
TSCA – US Toxic Substances Control Act Existing Chemicals.
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: 12th 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