

VETPAK SAFETY DATA SHEET

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

Product Name: Summer Tonic Mix

Recommended Use: As a nutritional supplement for summer conditions.

Company Details: Vetpak Ltd.

Address: 249 Bruce Berquist Drive Te Awamutu.

Telephone Number: (07) 870 2024

Emergency Telephone Number: (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 Preparation: 24th July 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	10-30	No
Magnesium Sulphate	10034-99-8	30-60	No
VetPak "Mag-Mix 50"	N/A	10-30	No
Potassium Chloride	7447-40-7	<10	Yes 6.1E; 6.3B; 6.4A; 9.3B
Calcium Bentonite	1302-78-9	<10	No
Monopropylene Glycol	57-55-6	<10	No
Pan-Apple	25322-69-4	<10	Yes 6.1D; 6.4A; 9.3C
VetPak "MinMix RTU Daily"	N/A	<10	No
Chemidet 24-7N/90	68439-50-9	<10	Yes 6.1E; 6.3B; 8.3A; 9.1A
Fulvic Acid	479-66-3	<10	No
Sucram	50-70-4	<10	Yes 6.1D
"Factor X"	N/A	<10	No
Seaweed Powder	8775-78-0	<10	No
Xanthan Gum	11138-66-2	<10	No

VETPAK SAFETY DATA SHEET

Section 4: First Aid Measures:

Swallowed: Rinse mouth out with plenty of water. If irritation or discomfort persists, seek medical attention.

Skin: If product comes in contact with the skin, wash affected area with soap and water. Seek medical attention in the event of irritation.

Eye: This product is abrasive. If it comes in contact with the eyes, immediately hold the eyes open and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Seek medical advice if irritation persists. Removal of any contact lens after an eye injury should only be undertaken by skilled personnel.

Inhaled: This product is unlikely to be inhaled. If this happens, ensure airways are clear and seek immediate medical help.

Workplace Facilities: Eye bath and normal washroom facilities.

Notes for Medical Personnel: Treat any symptoms symptomatically.

Section 5: Fire Fighting Measures

Fire Hazard Properties: This product is not flammable.

Extinguishing Media & Methods: Use media suitable for surrounding fire.

Recommended Protective Clothing: Use protective clothing appropriate to the surrounding fire.

Section 6: Accidental Release Methods

Minor spills: Clean up all spills immediately. Wear impervious gloves and safety glasses. Sweep up and place in a suitable container for disposal.

Major spills: Use liquid clean up procedures. Collect recoverable product into labelled containers for recycling if possible.

Section 7: Handling and Storage

Handling: No restrictions on transport.

Storage: Store in original plastic containers. Store in a cool, dry, well ventilated area. Store away from incompatible materials and foodstuff containers. Protect containers from physical damage and check regularly for leaks. Keep containers securely sealed.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Standards: None prescribed.

Engineering Controls: No specific engineering controls.

Personal Protective Equipment (PPE): EYES: Safety glasses with side shields to avoid splashes. HANDS & FEET: Barrier creams and cotton gloves or PVC gloves. Safety footwear.



General hygiene: Wash hands after handling with soap and water. Do not eat, drink or smoke when handling this product.

VETPAK SAFETY DATA SHEET

Section 9: Physical and Chemical Properties

Appearance (physical state, colour etc.): Dark brown liquid.

Odour: Seaweed

pH:

Melting Point/Freezing Point (°C):

Boiling Point (°C):

Flash Point (°C):

Flammability: Not flammable

Lower Flammability/Explosive Limit:

Upper Flammability/Explosive Limit:

Auto-ignition Temperature (°C):

Vapour Pressure:

Vapour Density:

Relative Density:

Solubility in Water: Soluble (except for Magnesium Oxide)

Specific Gravity: 1.33 (water = 1)

Viscosity:

Section 10: Stability and Reactivity

Stability of the Substance: Stable under normal conditions of storage.

Conditions to avoid: None known.

Material to avoid: Not known.

Hazardous decomposition Products: Not known.

Hazardous polymerization: Does not occur.

Section 11: Toxicological Information

Acute Effects:

Swallowed: Regarded as non-toxic but may be harmful if swallowed in large quantity. Oral administration would generally result in purging.

Skin: May be mildly irritating and may cause drying of the skin.

Eye: May be abrasive to the eyes.

Inhaled: Not normally a hazard due to the non-volatile nature of the product. The suspension is irritating to the upper respiratory tract.

Chronic Effects:

Irritation/Corrosion: Skin irritation

Carcinogenicity: Not carcinogenic.

Mutagenic Effects: Not suspected of causing genetic defects

Reproductive or developmental effects: None.

VETPAK SAFETY DATA SHEET

Section 12: Ecological Information

Potential Environmental Considerations: Not considered harmful, but avoid contaminating waterways, drains and sewers as good practice.

Ecotoxicity in water: Not considered to be ecotoxic.

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: Dispose of in accordance with all local government regulations.

Section 14: Transport Information

Hazard Class: None

UN Number: None

Packing Group: None

Hazchem Code: None

Land Transport: Check regulations

Sea Transport: Check regulations

Air Transport: Check regulations

Other Information:

Section 15: Regulatory Information

HSNO Approval Number: N/A

HSNO Classifications: None

Regulatory status: This product is exempt from registration, being an oral nutritional compound compliant with S4 of the ACVM regulations 2001.

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.

VETPAK SAFETY DATA SHEET

BOD – Biochemical Oxygen Demand China
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: 24 July 2019

Sources of key data used to compile the datasheet:

Manufacturers SDS
NZ EPA CCID
Health and Safety at Work (Hazardous Substances) Regulations 2017
Hazardous Substances (Minimum Degrees of Hazard) Notice 2017
Hazardous Substances (Safety Data Sheets Notice 2017
Hazardous Substances (Classification) Notice 2017
Labelling of Hazardous Substances Technical Guide 2012

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