

VETPAK SAFETY DATA SHEET

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

Product Name: Ultramix SC31

Recommended Use: As a nutritional supplement for summer conditions.

Company Details: Vetpak Ltd.

Address: 249 Bruce Berquist Dr, Te Awamutu 3800.

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: 22nd July 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	Category 5	Warning	H303; H313; H333 May be harmful if swallowed; in contact with skin; if inhaled
6.3B	Mildly irritating to skin	Category 3	Warning	H316 Causes mild skin irritation
6.4A	Serious eye damage/eye irritation	Category 2	Warning	H319 Causes serious eye irritation
6.5A	Respiratory sensitiser	Category 1	Danger	H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
6.5B	Contact sensitiser	Category 1	Warning	H317 May cause an allergic skin reaction
6.7B	Suspected human carcinogen	Category 2	Warning	H351 Suspected of causing cancer
6.8B	Suspected human reproductive or developmental toxicant	Category 2	Warning	H361 Suspected of damaging fertility or the unborn child
6.9B	Harmful to human target organs or systems	Category 2	Warning	H371; H373 May cause damage to organs
9.1D	Slightly harmful to aquatic environment	Category 3	None	H413 May cause long-lasting harmful effects to aquatic life

Prevention Statements:

P102 & P103: Keep out of reach of children & Read label before use.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P260 & P261: Do not breathe dust/mist/fumes/gas/vapours/spray.

P264: Wash hands thoroughly after use.

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

P273: Avoid release to the environment.

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

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 (micro-filtered)	7732-18-5	>60	No
Magnesium Sulphate	10034-96-5	<10	No
Monopropylene Glycol	57-55-6	<10	No
Zinc Sulphate Heptahydrate	7446-20-0	<10	Yes 6.1D; 6.9B; 8.3A; 9.1A; 9.3C
Potassium Chloride	7447-40-7	<10	Yes 6.1E; 6.3B; 6.4A; 9.3B
Copper Chelate	14025-15-1	<10	Yes 6.1E; 6.3B; 6.4A; 6.5A; 6.5B; 6.7B; 6.8B; 6.9A; 9.1A; 9.3B
Zinc Chelate	14025-21-9	<10	Yes 6.1D; 6.1E; 9.3C
Cobalt Chelate	15137-09-4	<10	Yes 6.1E, 6.3B, 6.4A, 6.5A, 6.5B, 6.7B, 6.8B, 6.9A; 9.1B
Seaweed Concentrate	84775-78-0	<10	No
Molasses	8052-35-5	<10	No
Xanthan Gum	1138-66-2	<10	No
EDDI 80%	5700-49-2	<10	Yes 6.1D; 6.3A; 6.4A; 6.5B; 6.9B; 9.1A; 9.3C
Sodium Propyl Paraben	35285-69-9	<10	Yes 6.3B; 6.4A; 6.5B; 9.1D

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 most 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

Type of Hazard: This product is not flammable.

Fire Hazard Properties: None

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.

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Section 7: Handling and Storage

Handling: Avoid breathing vapours or spray mists. Use only with adequate ventilation. Keep container closed.

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

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Standards: None prescribed.

Engineering Controls: No specific engineering controls.

Personal Protective Equipment (PPE):



Eye: Safety glasses with side shields to avoid splashes. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Hands, Feet: Barrier creams and cotton gloves or PVC gloves. Safety footwear.

Other: No special equipment required when handling small quantities. Otherwise, overalls and eye wash units.

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

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: Partially.

Specific Gravity: 1.33 (water = 1)

Viscosity:

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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: Considered an unlikely route of entry in commercial and industrial environments. The material may be harmful if swallowed in large quantity. Oral administration would generally result in purging.

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

Eye: The suspension is irritating and 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: Principle routes of exposure are usually by inhalation of generated dust and skin contact. As with any chemical product, contact with unprotected bare skin; inhalation of vapours, mist or dust in workplace atmosphere; or ingestion in any form, should be avoided by observing good occupational work practices.

Chronic Toxicity:

Irritation/Corrosion: Skin allergy and irritation

Carcinogenic Effects: Suspected carcinogen.

Mutagenic Effects: Not suspected of causing genetic defects

Reproductive or developmental effects: May cause damage through prolonged dermal exposure

Section 12: Ecological Information

Potential Environmental Considerations: May be harmful to aquatic life

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 container. Crush and dispose of in a landfill area in accordance with local government regulations. Recycle container if appropriate. Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste or wash waters.

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Section 14: Transport Information

Hazard Class: 6.1E; 6.3B; 6.4A; 6.5A; 6.5B; 6.7B; 6.8B; 6.9B; 9.1D

UN Number:

Packing Group:

Hazchem Code:

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:

6.1E (Acutely toxic)

6.3B (Mildly irritating to the skin)

6.4A (Irritating to the eye)

6.5A (Respiratory sensitiser)

6.5B (Contact Sensitiser)

6.7B (Suspected human carcinogen)

6.8B (Suspected human reproductive or developmental toxicant)

6.9B (Harmful to human target organs or systems)

9.1D (Slightly harmful to aquatic environment)

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.

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.

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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: 22 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