

VETPAK SAFETY DATA SHEET

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

Product Name: Starter “Plus”

Recommended Use: A nutritional supplement for cattle and sheet.

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 Revision: 23rd 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; May be harmful if swallowed
6.4A	Serious eye irritation	Category 2	Warning	H319 Causes serious eye irritation
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.

P264 & P273: Wash hands thoroughly after use & Avoid release to the environment

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

Section 3: Composition / Information on Ingredients:

COMPOSITION

Ingredient	CAS Number	% w/w	HAZARDOUS
Water	7732-18-5	10-30	No
Monopropylene Glycol	57-55-6	10-30	No
Molasses	8052-35-2	10-30	No
Calcium Carbonate	1317-65-3	10-30	No
Soya bean oil	120962-03-0	10-30	Yes 9.1D
Hyfat	68155-26-0	<10	No
Magnesium Oxide	1309-48-4	<10	No
Seaweed Powder	84775-78-0	<10	No
Vitamin B12	68-19-9	<10	No
Vitamin B1	59-43-8	<10	No
Calcium chloride	10043-52-4	<10	Yes 6.1D; 6.1E; 6.3A; 6.4A; 9.3C
Xanthan Gum	11138-66-2	<10	No
Chemidet 24-7N/90	68439-50-9	<10	Yes 6.1E; 6.3B; 8.3A; 9.1A

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Section 4: First Aid Measures:

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

Skin: Wash contact areas with plenty of water. Seek medical attention in the event of irritation.

Eye: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical advice.

Inhaled: Remove patient from further exposure. Get medical attention for any breathing difficulty. If breathing has stopped give mouth to mouth resuscitation.

Workplace Facilities: Running water and eye wash readily available.

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

Procedures to be covered: Sweep or shovel spills. Collect spillage into labelled containers for re-use or disposal. Dispose containers and spills in accordance with local government regulations.

Section 7: Handling and Storage

Handling: Transport upright in original labelled container with lid securely fastened. Minimise release of the material to the environment.

Storage: Store upright in original labelled container with lid securely fastened.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Guidelines: No specific guidelines.

Engineering Controls: No specific guidelines.

Personal Protective Equipment (PPE): Wear overalls and protective foot-ware.



General hygiene: Do not eat, drink or smoke while handling. Wash hands thoroughly after use.

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Section 9: Physical and Chemical Properties

Appearance (physical state, colour etc.): Viscous, dark-coloured flowing liquid suspension.

Odour: Pleasant molasses-like.

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: 1.17 (water = 1)

Viscosity:

Section 10: Stability and Reactivity

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

Conditions to avoid: Avoid extremes of heat.

Material to avoid: No known incompatibilities.

Hazardous decomposition Products: CO₂.

Hazardous polymerization: Not known to occur.

Section 11: Toxicological Information

Acute Effects:

Swallowed: May be harmful if swallowed in large quantity.

Skin: Is not normally a skin irritant. Some sensitive individuals may have a mild skin reaction.

Eye: May cause eye irritation.

Inhaled: Inhalation is not likely to occur.

Chronic Effects: None known.

Chronic Toxicity:

Irritation/Corrosion: None

Carcinogenic Effects: Not carcinogenic.

Mutagenic Effects: Not suspected of causing genetic defects

Reproductive or developmental effects: Not known.

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Section 12: Ecological Information

Potential Environmental Considerations: Avoid contaminating waterways, drains and sewers.

Ecotoxicity in water: May be slightly harmful to aquatic life

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 wash containers with water to use. Recycle if possible. Dispose of in accordance with all local government regulations.

Section 14: Transport Information

Hazard Class: 6.1E; 6.4A; 9.1D

UN Number: None

Packing Group: None

Hazchem Code: None

Land Transport: Check regulations

Sea Transport: Check regulations

Air Transport: Check regulations

Other Information: Transport upright in the original container with the lid tightly closed.

Section 15: Regulatory Information

HSNO Approval Number: N/A

HSNO Classifications:

6.1E (Acutely toxic)

6.4A (Serious eye irritation)

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.

Starter Plus

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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: 23 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