

Date of issue: 27 March 2024
 Revised by: Simonne Moses - HSNO Consultant SDS No: 2

Safety Data Sheet

FIL BLACKSTRAP MOLASSES

Classified as: Non-hazardous according to the EPA Hazardous Substances (Hazard Classifications) Notice 2020.

Section 1: SUBSTANCE AND SUPPLIER DETAILS

Product Name: FIL Blackstrap Molasses

Supplier: FIL is a wholly owned subsidiary of
 GEA Farm Technologies New Zealand Ltd

Address: 72 Portside Drive
 Mt Maunganui 3116
 New Zealand

Phone: +64 7 575 2162

Website: www.fil.co.nz

Recommended Use: Nutritional supplement

In Case of Emergency Contact:

CHEMICAL: 0800 CHEMICAL (243 622)

Section 2: HAZARDS IDENTIFICATION

Not classified as a Dangerous Good for Transport.

Not classified as hazardous according to criteria in the EPA Hazardous Substances (Hazard Classifications) Notice 2020.

HSNO APPROVAL NUMBER: **Not applicable**

HSNO CLASSIFICATIONS: Not applicable

GHS Classification: Not applicable

Hazard Statements: None

GHS Pictograms: None

PREVENTION STATEMENTS: None

RESPONSE STATEMENTS: None

STORAGE: None

DISPOSAL: None

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Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Single Substance:

Main Component	CAS Number	Concentration (%wt)
Blackstrap Molasses	8052-35-5	100%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: FIRST AID MEASURES

Workplace Facilities Required: No special workplace facilities required.

If Inhaled: Remove to fresh air. Seek medical attention if symptoms persist.

In Contact with Eye: Hold eyes open, flush with water for at least 15 minutes. Seek medical attention if irritation develops and persists.

In Contact with Skin: Wash skin with plenty of water. Seek medical attention if skin irritation develops and persists.

If Swallowed: DO NOT INDUCE VOMITING. Rinse mouth. Give small quantities of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms develop and persist. If vomiting occurs, keep head below hips to prevent aspiration to lungs.

Advice to Doctor: Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Product is not flammable or combustible.

Suitable Extinguishing Media: Use extinguisher suitable for surrounding environment and materials.

Precautions in Connection with Fire: May form toxic gases in a fire containing oxides of carbon.

Advice for firefighters: Wear full firefighting gear and self-contained breathing apparatus.

Section 6: ACCIDENTAL RELEASE MEASURES

Precautions: Clear area of all unprotected personnel. Keep unnecessary and unprotected personnel from entering area.

Suitable Protective Equipment: Emergency responders should use personal protective equipment, including gloves and safety glasses. Respiratory protection is not normally required.

Spill or Leak Procedures. Shovel up spill and collect into a properly labelled waste container for disposal. Residual quantities may be washed away with water.

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Waste Disposal Methods: Dispose of as per Section 13.
Emergency preparation: Ensure there is appropriate and adequate personal protective equipment, trained personnel and clean up materials for management of accidental release.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin and eyes. Do not eat, drink, or smoke when using this product. Remove contaminated clothing and wash hands and face before entering eating areas.
Storage: Store in a tightly closed container. Keep away from moisture.
Site Storage Requirements: Site Signage is not required.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards NZ: No Workplace Exposure Standards have been established for this product.
Engineering Controls: Natural ventilation should be adequate under normal conditions of use.
Personal Protective Equipment: Observe good chemical hygiene practice.
Hand protection: Wear protective gloves if handling large quantities. Refer to Australian and New Zealand Standard AS/NZS 2161 for protective gloves.
Skin and body protection: Protective clothing is not normally required.
Eye protection: Use safety glasses with side shields to protect eyes if handling large quantities. Refer to AS/NZS 1336 for suitable eye and face protection.
Respiratory protection: Not normally required under typical use conditions.
Other information: Handle in accordance with safe industrial hygiene practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Viscous liquid	Colour:	Black/brown
Odour:	Characteristic	Odour Threshold:	Not applicable
pH:	5.1	Solubility:	Highly soluble
Melting/Freezing Point:	Not available	Boiling Point:	Not available
Flash Point:	>100°C	Flammability:	Not flammable
Upper/Lower Flammability Limits:	Not applicable	Vapour Pressure:	Not applicable
Vapour Density:	Not applicable	Relative Density:	1.4
Partition Coefficient:	Not available	Auto-ignition Temperature;	Not applicable
Decomposition Temperature:	Not available	Kinematic Viscosity:	Not available
Particle Characteristics:	Not applicable		

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Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Reactivity: No dangerous reactions known.

Conditions to Avoid: High temperatures, damp storage conditions.

Incompatibility: Keep away from strong oxidisers.

Hazardous Decomposition: May decompose in a fire to form oxides of carbon.

Section 11: TOXICOLOGICAL INFORMATION

Acute Exposure

Acute Toxicity: LD50 oral > 5000 mg/kg.
 LD50 dermal > 5000 mg/kg
 LC₅₀ inhalation (mist/spray) > 5.0 mg/L

Inhalation: Not an expected route of exposure during normal conditions of use.

Ingestion: Not expected to be harmful if swallowed.

Skin Corrosion/Irritation: Not expected to be a skin irritant or corrosive.

Serious Eye Damage/Eye Irritation: Not expected to be an eye irritant or corrosive.

Respiratory or Skin Sensitisation: Not known to cause respiratory or contact sensitisation.

Chronic Exposure:

Mutagen/Carcinogen/Reproductive Toxicant No chronic toxicity effects expected.

Specific Target Organ Toxicity Single Exposure: No information available. No known effects.

Specific Target Organ Toxicity Repeated Exposure: No information available. No known effects.

Aspiration Hazard: No information available. Not expected to be an aspiration hazard.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not expected to be ecotoxic in the aquatic environment.
 LC/EC₅₀ > 100 mg/L

Persistence/degradability: Not expected to be persistent.

Bioaccumulation: Not expected to bioaccumulate.

Mobility in soil: No information available.

Other adverse effects: None identified.

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Ingredients with Ecotoxic classifications: There are no ingredients with ecotoxic classifications.

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Recycle and reuse wherever possible. Dispose of waste product via an approved waste disposal contractor.

Disposal of Packaging: Dispose of packaging via an approved waste disposal contractor. Triple rinse containers when empty. Add rinse solution to use solutions.

Section 14: TRANSPORT INFORMATION

Not classified as a Dangerous Good for transport in accordance with NZS5433:2020, IMDG or IATA.

Ensure transportation methods prevent leakage from packages and collapsing loads.

Section 15: REGULATORY INFORMATION

HSNO Allocation: Not applicable

HSNO Approval Code: Not applicable

Classifications: None

NZ Inventory of Chemicals: All ingredients are listed in the NZ Inventory of Chemicals.

This substance triggers:	Compliance Certificate	N/A
	Certified Handler	N/A
	Emergency Response Plan	N/A
	Secondary Containment	N/A
	Signage	N/A

Section 16: OTHER INFORMATION

The information provided in this Safety Data Sheet relates only to the specific material designated herein. This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.

This substance is non-hazardous. All reasonable care has been taken to ensure that the information and advice contained herein are from sources believed to be reliable and to represent the most up-to-date knowledge available at the date given in Section 16. No liability is assumed for any damages related to the use or misuse of this substance.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore, this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

SDS Issued: 27/03/2024

Supersedes: 28/01/2021

Reason for Revision: Review and update.

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References:

EPA NZ Inventory of Chemicals Database

Summary of Abbreviations: EPA – Environmental Protection Authority
GHS – Global Harmonisation System
CAS – Chemical Abstracts Service

END OF SAFETY DATA SHEET