

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier	Soil Mender Horticultural Molasses
Chemical Name	None
CAS No.	None
Trade Name(s)	None

Relevant identified uses of the substance or mixture and uses advised against	
Identified Use(s)	Gardening / Landscaping
Uses Advised Against	None

Details of the supplier of the safety data sheet

Company Identification	Soil Mender Products, LP. 3071 Hwy 86 Tulia TX, 79088
Telephone	(806) 627-4276

Emergency telephone number

Emergency Phone No.	Not classified as dangerous for supply/use. Please contact the supplier above during normal business hours.
---------------------	---

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200) / GHS Classification	Not classified as dangerous for supply/use.
--	---

Label elements

Hazard Symbol	None
Signal Word(s)	None
Hazard Statement(s)	None
Precautionary Statement(s)	None

Other hazards

None

Additional Information

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	% wt.	CAS No.
Blackstrap Molasses	100	N/A

No substance meeting the classification criteria for health is present over its cut-off value in accordance with OSHA HCS (29 CFR 1910.1200) / GHS Classification.

Other Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below: None

Additional Information - None

SECTION 4: FIRST AID MEASURES

Description of first aid measures

Inhalation	Avoid inhalation and remove to fresh air. If irritation persists seek medical attention.
Skin Contact	Gently wash with plenty of soap and water. If irritation (redness, rash,

blistering) develops, get medical attention.

Eye Contact

Flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.

Ingestion

Not normally required.

Most important symptoms and effects, both acute and delayed

In case of inhalation	Irritation to respiratory tract
In case of skin contact	May cause redness or irritation
In case of eye contact	May cause redness or irritation
Ingestion of large amounts may cause gastrointestinal disturbances	

Indication of any immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or water spray.
-Unsuitable Extinguishing Media	None anticipated.

Special hazards arising from the substance or mixture Non-flammable substance. None Known.

Advice for fire-fighters A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Not normally required. See PPE (Section 8)

Environmental precautions Not normally required.

Methods and material for containment and cleaning up Not normally required.

Reference to other sections None.

Additional Information None.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling Avoid generation of dust. Provide adequate ventilation. Use PPE when required.

Conditions for safe storage, including any incompatibilities

-Storage temperature	Ambient temperatures. Follow normal precautions for bulk storage of combustible materials.
-Incompatible materials	Strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits:

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None	-----	-----	-----	-----	-----	-----

Recommended monitoring method None
Exposure controls None

Appropriate engineering controls
 None.

Personal protection equipment

Eye/face protection	Chemical goggles, recommended.
Skin protection	Nitrile rubber gloves, recommended.
Respiratory protection	Wear respiratory protection, where airborne concentrations

Are expected to exceed exposure limits.

General Hygiene Considerations

Avoid contact with eyes and skin. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid
Color	Black
Odor	Marine
Odor Threshold (ppm)	Not available.
pH (Value)	Not available.
Melting Point (°C) / Freezing Point (°C)	Not available.
Boiling point/boiling range (°C):	Not applicable.
Flash Point (°C)	Not applicable.
Evaporation Rate	Not available.
Flammability (solid, gas)	Not applicable.
Explosive Limit Ranges	Not applicable.
Vapor pressure (Pascal)	Not determined.
Vapor Density (Air=1)	Not determined.
Density (g/ml)	Varies
Solubility (Water)	Negligible
Solubility (Other)	Not known
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Point (°C)	Not available.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt) @ 40°C	Not available
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	When mixed with hydrofluoric acid.
Conditions to avoid	Incompatible materials

Incompatible materials	Strong acids
Hazardous decomposition product(s)	Combustion causes toxic fumes. Combustion products: Carbon monoxide, Carbon dioxide, and natural terpenes.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Skin Contact, Eye Contact

Information on toxicological effects

Acute toxicity	Not acutely toxic.
Irritation/Corrosivity	Not to be expected.
Sensitization	Not to be expected.
Repeated dose toxicity	Not to be expected.
Carcinogenicity	Not to be expected.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Mutagenicity	Not to be expected.
Reproductive toxicity	Not to be expected.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Short term
Long Term

Not hazardous for the environment.
Not hazardous for the environment.

Persistence and degradability

The product is biodegradable.

Bioaccumulative potential

The product has no potential for bioaccumulation.

Mobility in soil

The product has low mobility in soil.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

Ground or Water Domestic Voyage (DOT):

Not regulated.

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

RCRA Hazardous Waste Number (40 CFR 261.33): None

US RCRA Hazard Class: Not applicable.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

SARA 311/312 - Hazard Categories: None

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	-----	-----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	-----	-----	-----

SECTION 16: OTHER INFORMATION

Additional Information

The following sections contain revisions or new statements: 1-16.

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. The manufacturer gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. The manufacturer accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information.

Freedom under Patents, Copyright and Designs cannot be assumed.