

## SAFETY DATA SHEET

### 1. PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Soil Mix  
**Product Code:** M2SOLX1  
**Product Use:** Soil Amendment  
**Supplier:** NaturaSolve  
**Address:** 190 N Cutler Dr, ste A, North Salt Lake, UT 84054 USA  
**Phone Number:** 801-358-3686 (Monday-Friday, 7:00 a.m. – 4:00 p.m.)  
**Medical Emergency Phone Number:** 877-315-9819 (PROPHARMA)

### 2. HAZARDS IDENTIFICATION

**OSHA Regulatory Status:** Hazard Communication Standard (29 CFR 1910.1200).

**Classification:** Single Exposure: Category 3

**Signal Word:** Warning

**Hazard Symbols:**  
exclamation mark



**Hazard Statements:**  
May cause respiratory irritation.

**Prevention Statements:**

Avoid contact with mucus membranes and ingestion.  
Use outdoors or in a well-ventilated area

**Response Statements:**

IF ingested: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Storage:**

Store in a dry area out of direct sunlight. Do not heat above 80°F

**Disposal:**

Dispose of contents/container in accordance with local/regional/national/international regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS #</u>	<u>Concentration (w/w %)</u>
Molasses	68476-78-8	60-80%
Bacillus subtilus	68038-70-0	1-10%
Thiamine Mononitrate	67-03-8	1-5%
Proprietary-Other Ingredients	Trade Secret	*8-30%

\*Exact percentages vary based on batch to batch variability. Ingredients not identified are proprietary or non-hazardous.

### 4. FIRST AID MEASURES

**If Inhaled:** Move to fresh air. If irritation or other symptoms occurs, get medical attention.  
**If on Skin:** No first aid should be needed.  
**If in Eyes:** Rinse opened eye for several minutes under running water. If irritation persists or for foreign body in the eye, get medical attention.  
**If Swallowed:** If symptoms persist consult doctor.

### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Use media that is appropriate for surrounding fire.  
**Special Exposure Hazards:** None known  
**Special Protective Equipment /**  
**Procedures for Firefighters:** None known

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** None know  
**Environmental Precautions:** None known  
**Containment / Clean-Up Methods:** Sweep up and collect for proper disposal

## 7. HANDLING & STORAGE

**Handling:** Avoid contact with mucus membranes. Ensure good ventilation/exhaustion at the workplace.  
**Storage:** Store in a dry area. Avoid consistent temperature above 120 degrees Fahrenheit. Keep container tightly sealed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** For operations where the exposure limit may be exceeded, local exhaust ventilation is recommended.  
**Personal Protective Equipment :**  
**Clothing:** None required for normal use.  
**Eye Protection:** Safety glasses or goggles if needed to prevent eye contact.  
**Respiratory Protection:** None required for normal use. For operations where the dust concentration may be excessive, a dust respirator may be used. Follow OSHA regulations in the selection and use of respiratory protection.

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	Dark Brown	<b>Upper/Lower flammability limits:</b>	Not available
<b>Odor:</b>	Earthy	<b>Vapor pressure:</b>	Not available
<b>Odor threshold:</b>	Not available	<b>Vapor density: (air =1)</b>	Not applicable
<b>pH:</b>	Not applicable	<b>Specific Gravity: (H<sub>2</sub>O = 1)</b>	Not applicable
<b>Melting/Freezing point:</b>	Not applicable	<b>Solubility:</b>	Not applicable
<b>Boiling point:</b>	Not applicable	<b>Partition coefficient (n-octanol-water):</b>	Not determined
<b>Flash point:</b>	Not applicable	<b>Auto-ignition temperature:</b>	Not applicable
<b>Evaporation rate:</b>	Not available	<b>Decomposition temperature:</b>	Not applicable
<b>Flammability (solid, gas):</b>	Not applicable	<b>Viscosity:</b>	Not applicable

## 10. STABILITY & REACTIVITY

**Reactivity hazards:** No further relevant information available  
**Chemical stability:** No decomposition if used according to specifications  
**Conditions to avoid:** No further relevant information available  
**Incompatible materials:** No further relevant information available  
**Hazardous decomposition products:** No dangerous decomposition products known

**11. TOXICOLOGICAL INFORMATION**

**Information:** **Ingestion:** No adverse effects expected with unused material  
**Inhalation:** Contact with excessive concentrations may cause irritation.  
**Eye:** Contact with excessive concentrations may cause irritation.  
**Skin:** No known hazard.  
**Sensitization:** No adverse effects expected.  
**Medical Conditions Aggravated By Exposure:** None currently known.

**Acute toxicity:** No toxicity data available  
**Corrosivity:** This is not a corrosive product  
**Eye** Contact may cause mechanical irritation  
**Respiratory/Skin sensitization:** No sensitizing effects known  
**Germ cell mutagenicity:** No specific data is available. This product is not expected to present a germ cell mutagenicity hazard  
**Carcinogen Status** No toxicity data available. The substance does not meet the criteria for carcinogen under Regulation (EC) No 1272/2008  
**Reproductive toxicity:** Attapulgite-type clay: No specific data is available.  
**Repeat Dose Toxicity** No toxicity data available.

**12. ECOLOGICAL INFORMATION**

**Toxicity:** None known  
**Persistence/ degradability:** No further relevant information available  
**Bioaccumulative potential:** No further relevant information available  
**Mobility in soil:** No further relevant information available  
**Other adverse effects:** No further relevant information available  
**Results of PBT and vPvB assessment** PBT: Not applicable  
vPvB: Not applicable

**13. DISPOSAL CONSIDERATIONS**

**Disposal methods:** Waste treatment methods: Recommendation; Recycle or dispose with household trash  
Uncleansed packaging: Recommendation; Disposal must be made according to official regulations.

**14. TRANSPORT INFORMATION**

	<u>DOT</u>	<u>IMDG</u>	<u>IATA</u>
<b>UN number:</b>	Not applicable	Not applicable	Not applicable
<b>Proper shipping name:</b>	Not regulated under DOT	Not regulated	Not regulated
<b>Hazard class(es):</b>	Not applicable	Not applicable	Not applicable
<b>Packing group:</b>	Not applicable	Not applicable	Not applicable
<b>Special precautions:</b>	None		

