



DATA SHEET

No: LF-001

SaveSorb Loose Fill Product

(Applies to all manufactured product fill)

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Section 01: Chemical Product and Company Information

Supplier Details:

Pro-Earth Limited
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Basepoint Business Centre
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West Sussex
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Contacts:

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Manufacturer:

SaveSorb Inc.
Glendale, Ca. USA.

Product Name: **SaveSorb**
Chemical Name: Canadian Sphagnum Peat Moss 100%
Formula: Preparation / Mixture
Product Use: SaveSorb is composed of fine screened sphagnum peat moss, carefully selected, dried, sieved, blended pH balanced, using SaveSorb unique proprietary methods, in which its chemical and physical characteristics allow a very high capacity of moisture retention (or absorption) such as: fuels and fumes, hydrocarbons, solvents and the majority of chemical liquid products.

Section 01: Hazards Identification

Regulation Number: 1272/2008

GHS Hazard Class: Not Applicable

Signal Word:

Hazard Statement:

Precautionary Statements: Prevention No Precautionary Statement
Response No Precautionary Statement
Storage No Precautionary Statement
Disposal No Precautionary Statement

<0% of mixture consists of ingredients of unknown acute toxicity

Hazardous Classification: Not classified as hazardous

Fire and Explosion: Not considered flammable or combustible, but product will burn if involved in a fire.

Potential Health Effects: No Information

Ingestion: No Information

Inhalation: Inhalation over long periods, of high amounts of nuisance dust may overload lung clearance mechanism, irritate mucous membrane and make lungs more vulnerable to respiratory disease.

Skin Contact: May cause slight irritation

Eye Contact: Eye irritation may result

Other: None

Chronic effects of over exposure: None

Appearance: Brownish, fibrous material.

| Component | Health (Blue) | Flammability (Red) | Reactivity (Yellow) | Special (White) |
|-----------|---------------|--------------------|---------------------|-----------------|
| SaveSorb | 1 | 0 | 0 | -- |

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Section 03: Composition, Information on Ingredients

| Product Composition | Approx. % | ACGIH TVL | OSHA PEL | NIOSH REL | CAS NO | EINECS / ELINCS | DANGER SYMBOL | RISK PHRASE | DSL CANADA |
|---------------------|-----------|--|--|----------------------------------|--------|-----------------|---------------|-------------|------------|
| Peat Moss | 100 | 5mg / m ³ Respirable dust 10mg / m ³ Total dust | 5mg / m ³ Respirable dust 15mg / m ³ Total dust | 10mg / m ³ Total dust | - | - | - | - | - |

S.M.E. Nutrient Analyses: results in ppm (mg/L)

| N-NO ³ | N-NH ₄ D | PD | K | Ca | Mg | Na | Zn | Mn | Cu | Fe | B |
|-------------------|---------------------|------|------|------|------|------|------|------|-------|------|------|
| 0-21 | 2-13 | 0-16 | 0-33 | 0-32 | 0-22 | 0-30 | >0.3 | >0.3 | >0.05 | >1.1 | >0.2 |

Trade Secret (TS) Some items on this MSDS may be designated as trade secrets. Bon-a-fide requests for disclosure of trade secret information to medical personnel must be made in accordance with provisions contained in 29 CFR 1910.1200 I 1-13. The full text for all R-Phrases is shown in section 16.

Section 04: First Aid Measures

Inhalation: Remove to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). Get immediate medical attention.

Skin Contact: Wash skin with plenty of soap and water for at least 15 minutes.

Eye Contact: Immediately wash skin with plenty of soap and water for at least 15 minutes. Get immediate medical attention if irritation persists.

Ingestion: If swallowed do NOT induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Give immediate medical attention.

Section 05: Fire – fighting Measures

Flash Point: Not Applicable

Flammable Limits in Air: Not Applicable

Extinguishing Media: Water, Fog, Spray

Special Firefighting Procedures: Burning may continue inside bags, other containment media or loose product piles after surface fire has been extinguished. Break bags. Other containment media open or separate piles to ensure that fire is completely extinguished.

Section 06: Accidental Release Measures

Action to be taken if material is released or spilled:

Wear appropriate protective clothing as specified in section 08: Exposure Controls / Personal Protection.

Warn others of Spill and its nature

Contain Spill

Absorb Spill

Place in Chemical waste container

Disposal Method: Disposal should be in accordance with Local Authority / chosen waste carrier / waste assessment criteria (WAC).

Section 07: Handling and Storage

Precautions to be taken in Handling and storage: Wear proper personal protective equipment (PPE), avoid contact with skin, eyes or clothing. Wash hands after handling material. Follow the local applicable regulations for handling and storage.

Information on emptied container: Not Applicable

Specific Uses: SaveSorb is composed of fine screened sphagnum peat moss, carefully selected, dried, sieved, blended pH balanced, using SaveSorb unique proprietary methods, in which its chemical and physical characteristics allow a very high capacity of moisture retention (or absorption) such as: fuels and fumes, hydrocarbons, solvents and the majority of chemical liquid products.

Section 08: Exposure Controls / Personal Protection

Ventilation: Always provide good, general ventilation to minimise dust exposure when handling SaveSorb.

Respiratory Protection: Always use approved respirator when handling SaveSorb.

Protection Gloves: Always use approved industrial grade gloves or gauntlets when handling SaveSorb.

Eye Protection: Always use protective eyewear (Safety Glasses) when handling SaveSorb.

Protective Clothing: Always wear suitable protective clothing to prevent skin contact.

Other Equipment: Always ensure that hand washing equipment is available in the workplace.

Work / Hygiene Practices: Avoid contact with eyes. Wash hand after handling.

SATURATION: **ALWAYS DETERMINE THE NATURE (COMPOSITION) OF THE SPILL TO BE ABSORBED.**
REFER TO SAVESORB ABSORPTION LEVEL INFORMATION CHART
REFER TO SAVESORB CHEMICALS ABSORPTION CHART
NEVER IMPLIMENT A SPILL CONTROL PROCEDURE WITHOUT IDENTIFYING THE ORIGIN OF THE SPILL AND ENSURING PERSONAL PROTECTION IS IN PLACE.

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Section 09: Physical and Chemical Properties

Appearance – Colour: Brownish, fibrous material
 Physical State: Partially decomposed vegetation material
 Odour: Earthy

| | Product Criteria |
|-------------------------------|--------------------------------|
| Odour Threshold | Earthy |
| PH | 3.5 – 4.5 |
| Flashpoint | 150°C Minimum (Open cup) |
| Lower / Upper Explosive Limit | Not Applicable |
| Flammability (Solid / Gas) | Not Applicable |
| Explosive Properties | Not Applicable |
| Oxidising Properties | Not Applicable |
| Specific Gravity (@25°C) | 60-90g/l (on dry weight basis) |
| Evaporation Rate | Not Applicable |
| % Volatile by Volume | Not Applicable |
| Partition Coefficient | Not Applicable |
| Auto Ignition Temperature | Not Applicable |
| Decomposition Temperature | Not Applicable |
| Boiling Point | Not Applicable |
| Melting Point | Not Applicable |
| Vapour Pressure | Not Applicable |
| Vapour Density | Not Applicable |
| Solubility in Water | None |
| Water Solubility in Solvent | None |
| Freezing Point | Not Applicable |
| Viscosity | Not Applicable |
| VOC Content | Not Applicable |

PHYSICAL CHARACTERISTICS

Air Porosity: 10-20% (V/V)
 Dry Bulk Density: 4-9 lbs/ft³ (0.08 – 0.12gm/cm)
 Moisture Content: 0 – 15% by weight
 Water Holding Capacity: 63 – 73% by volume

Section 10: Stability and Reactivity

Stability: Stable
 Conditions to avoid: None
 Incompatibility (Materials to avoid): None
 Hazardous Decomposition Products: None
 Hazardous Polymerisation: Will not occur

Section 11: Toxicological Information

| GHS Required Criteria | Toxicity Criteria | Toxicity Information | Comments | Chemical |
|-------------------------------------|-------------------|--------------------------|----------|----------|
| Acute Toxicity | | No Information Available | | |
| Skin Corrosion / Irritation | | No Information Available | | |
| Serious Eye Damage / Eye Irritation | | No Information Available | | |
| Respiratory or Skin Sensitisation | | No Information Available | | |
| Germ Cell Mutagenicity | | No Information Available | | |
| Carcinogenicity | | Not Listed | | |
| Reproductive Toxicity | | No Information Available | | |
| STOST – Single Exposure | | No Information Available | | |
| STOST – Repeated Exposure | | No Information Available | | |
| Aspiration Hazard | | No Information Available | | |

STOST – Specific Target Organ Systemic Toxicity.

Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See entry in RECTS.

Section 12: Ecological Information

Biodegradation: No Information Available
 Bioaccumulation: No Information Available
 Eco Toxicity: No Information Available
 Mobility: No Information Available

Section 13: Disposal Considerations

Waste from residues / Unused products: Follow the waste disposal requirements of your Country, State or Local Authority

Packaging: Packaging should be disposed of responsibly, in accordance with Local Authority requirements

Section 14: Transportation Information

DOT TRANSPORT

DOT Proper Shipping Name: Not Regulated
 ADR International Carriage of dangerous goods by road: Not Regulated
 Rail Transport: Not Regulated
 Sea Transport: Not Regulated
 Air Transport: Not Regulated
 IATA/ICAO CLASS

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Section 15: Regularity Information

Directive: 67/548/EU

Label for Supply



Risk Phases

R – Phases:

R36 – Irritating Eyes

R38 – Irritating Skin

S- Phases

S24 – Avoid contact with skin

S25 – Avoid contact with eyes

Toxic Substances Control Act (TSCA) Status:

This product is in compliance with rules, regulations and orders of TSCA. All components are listed on TSCA inventory.

Superfund Amendments and reauthorization act of 1986 (SARA). Title III Section 313 – Supplier Notification:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency

Planning and Community Right to Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for the material.

The Section 313 toxic chemicals contained in this product are: None.

EU - INFORMATION

This product has been reviewed for compliance with the following EU directives:

REACH 1907/2006

Directive 67/548/EEC

Regulation (EC) No. 1272/2008 on classification, labelling, and packaging (CLP) of substances and mixtures.

Section 16: Other Information

EU Hazards Identification

R: None

S: None

Danger Symbols: None

Revision Comments: Updated January 2017 (UK only)

Revision No. 01

Information Sources/; RTECHS, REACH, OSHA 29CFR,1910.1200

This material safety data sheet (MSDS) is offered solely for your information, consideration and investigation. The data described in this MSDS consists of data on literature, our acquisitioned data and analogical inference by data of similar chemical substances or products. Pro-Earth or SaveSorb provide no warranties, either expressed or implied, and assumeno responsibility for the accuracy or completeness of the data contained herein.

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or Implied, is made. The recommended handling procedures are believed to be generally applicable.

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