



# SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS, OSHA 29CFR 1910.1200

## Section 1: Chemical Product and Company Identification

MANUFACTURER'S NAME:

Save-Sorb  
2892 N. Bellflower Boulevard  
Suite 431  
Long Beach, California 90815  
Safety Data Sheet Competent Person:

EMERGENCY TELEPHONE

Chemtrec 24 hrs: 800-424-9300  
Chemtrec INTERNATIONAL 703-527-3887  
Phone: 301-933-4196  
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Kris Kile [kkile@save-sorb.com](mailto:kkile@save-sorb.com)

DATE PREPARED:

November 9, 2012

**REVISION DATE: November 12, 2012**

PRODUCT NAME:

**Save-Sorb**

CHEMICAL NAME:

Canadian Sphagnum Peat Moss 100%

FORMULA:

Preparation/Mixture

PRODUCT USE:

SAVE-SORB is composed of fine screened sphagnum peat moss, carefully selected, in which its chemical and physical characteristics allow a very high capacity of moisture retention (or absorption) such as: fuel, hydrocarbons solvents and the majority of chemical liquid products.

## Section 2: Hazards Identification

Regulation (EC) No 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

HAZARD CLASSIFICATION:

Not classified as Hazardous based on IATA, IMO and DOT.

FIRE AND EXPLOSION:

Not considered flammable or combustible, but this product will burn if involved in a fire.

POTENTIAL HEALTH EFFECTS:

INGESTION:

No Information

INHALATION:

Inhalation over long periods of high amounts of any 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 OVEREXPOSURE:

None

APPEARANCE:

Brownish, fibrous material

NFPA Rating:

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
Save-Sorb	1	0	0	--

## Section 3: Composition, Information on Ingredients

PRODUCT COMPOSITION	APPRX %	ACGIH TLV	OSHA PEL	NIOSH REL	CAS NO.	EINECS/ELINCS	DANGER SYMBOL	RISK PHRASE	DSL CANADA
Peat Moss	100	5mg/m3 Respirable dust 10 mg/m3 Total dust	5mg/m3 Respirable dust 15mg/m3 Total dust	10 mg/m3 Total dust	—	—	—	—	—

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

N-N0 <sup>3</sup>	N-NH4D	PD	K	Ca	Mg	Na	Zn	Mn	Cu	Fe	B
nitrate	ammoniacal	phosphorus	potassium	calcium	magnesium	sodium	zinc	manganese	copper	iron	boron
nitrogen	nitrogen										
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. Bonafide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 I 1-13. The full text for all R-Phrases is shown in Section 16.

## Section 4: 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 flush eyes with plenty of 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. Get immediate medical attention.

## Section 5: Fire-fighting Measures

FLASH POINT:	Not applicable
FLAMMABLE LIMITS IN AIR (% by vol):	Not applicable
EXTINGUISHING MEDIA:	Water, fog, or spray
SPECIAL FIREFIGHTING PROCEDURES:	Burning may continue inside bags or piles after surface fire is out. Break bags or separate pile to assure that the fire is extinguished
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None

## Section 6: Accidental Release Measures

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear proper protective equipment as specified in Section 8: Exposure Controls/Personal Protection  
Warn other workers of spill. Contain spills. Place in a chemical waste container.

DISPOSAL METHOD: disposal should be made in accordance with federal, state and local regulations. Incineration is recommended.

## Section 7: Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Wear proper protective equipment and avoid contact with skin, eyes, or clothing.  
Wash hands after handling this material.  
Follow all applicable local regulations for handling and storage.

INFORMATION ON EMPTIED CONTAINER: Not applicable



SPECIFIC USES: SAVE-SORB is composed of fine screened sphagnum peat moss, carefully selected, in which its chemical and physical characteristics allow a very high capacity of moisture retention (or absorption) such as: fuel, hydrocarbons solvents and the majority of chemical liquid products.

## Section 8: Exposure Controls/Personal Protection

VENTILATION: Always provide good general, ventilation where this material to minimize dust exposure.

RESPIRATORY PROTECTION: If dust is created use NIOSH or MSHA approved respirator for nuisance dust of this type.

PROTECTIVE GLOVES: Leather or other glove that is appropriate for this material.

EYE PROTECTION: Safety Glasses. Protective eyewear should be worn where dust levels are high enough to cause irritation.

PROTECTIVE CLOTHING: Wear suitable protective clothing to prevent skin contact.

OTHER EQUIPMENT: Make hand washing equipment available in the work area.

WORK/HYGIENE PRACTICES: Avoid contact with eyes. Wash hands after handling.

## Section 9: Physical and Chemical Properties

APPEARANCE - COLOR: Brownish, fibrous material

PHYSICAL STATE: Partially decomposed vegetation material.

ODOR: Earthy odor

	PRODUCT CRITERIA
ODOR THRESHOLD	earthy
PH	3.5 to 4.5
FLASH POINT:	150 °C Minimum (Open cup)
LOWER EXPLOSIVE LIMIT; UPPER EXPLOSIVE LIMIT	Not applicable
FLAMMABILITY (Solid, gas)	Not applicable
EXPLOSIVE PROPERTIES	Not applicable
OXIDIZING PROPERTIES	Not applicable
SPECIFIC GRAVITY (@25 °C):	60-90 g/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
VAPOR PRESSURE	Not applicable
VAPOR DENSITY (AIR = 1)	Not applicable
SOLUBILITY IN WATER:	None
WATER SOLUBILITY IN THE 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 /cu.ft. ( 0.08 - 0.12 g/cm )  
 Moisture Content: 10-15% 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 POLYMERIZATION:	Will not occur

## Section 11: Toxicological Information

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity		No information is available.		
Skin Corrosion/Irritation		No information is available.		
Serious Eye Damage / Eye Irritation		No information is available.		
Respiratory or Skin Sensitization		No information is available.		
Germ Cell Mutagenicity		No information is available.		
Carcinogenicity		Not listed	NTP	
		Not listed	IARC	
		Not listed	OSHA	
Reproductive Toxicity		No information is available.		
STOST -- Single Exposure		No information is available.		
STOST -- Repeated Exposure		No information is available.		
Aspiration Hazard		No information is available.		

STOST = Specific Target Organ Systemic Toxicity

Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

## Section 12: Ecological Information

	Chemical
BIODEGRADATION:	No information is available.
BIOACCUMULATION:	No information is available.
ECO TOXICITY:	No information is available.
MOBILITY:	No information is available.

Note: No environmental hazards were identified based on a review of available data for the ingredients in this product.

## Section 13: Disposal Considerations

WASTE FROM RESIDUES / UNUSED PRODUCTS:  
Follow the waste disposal requirements of your country, state, or local authorities.

PACKAGING:  
Waste packaging material should be disposed of by municipal waste.

## Section 14: Transport Information

<b>DOT TRANSPORT:</b>	
DOT PROPER SHIPPING NAME	Not Regulated
<b>ADR = International Carriage of Dangerous Goods by Road</b>	Not Regulated
<b>RAIL TRANSPORT:</b>	Not Regulated
<b>SEA TRANSPORT:</b>	Not Regulated
<b>AIR TRANSPORT:</b>	Not Regulated
IATA/ICAO CLASS:	

## Section 15: Regulatory Information

Directive 67/548/EEC

LABEL FOR SUPPLY:



IRRITANT

RISK PHRASES:

R-Phrase:	R36	Irritating to Eyes
	R38	Irritating to Skin
S-Phrase:	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 the 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

CALIFORNIA PROPOSITION 65:

This regulation requires a warning for California Proposition 65 chemical(s) under the statute.

The California proposition 65 chemical(s) contained in this product are: None

STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:

Florida Toxic Substance(s):	Not listed
Massachusetts's hazardous substance(s):	Not listed
Pennsylvania hazardous substance code(s):	Not listed
New Jersey	Not listed
Illinois	Not listed
Michigan	Not listed

### CANADA:

This MSDS/SDS will be non compliant 3 years after the issue date. This MSDS contains all of the information required by the Controlled Products Regulations (CPR).

WHMIS-INFORMATION:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR), SOR/88-66, Current to February 20, 2012. The classes of controlled products listed in the CPR, Section 32, Part IV, have been reviewed and based on Professional Judgment this product has been determined not to be WHMIS controlled.

EUROPEAN UNION:

This product has been reviewed for compliance with the following European Community Directives: REACH 1907/2006; Directive 67/548/EEC, Regulation (EC) No 1272/2008 on classification, labeling and packaging (CLP) of substances and mixtures.

## Section 16: Other Information

European Community Hazards Identification:

R:	None
S:	None
Danger Symbol(s):	None

Revision Comments:	Updated from November 9, 2012
Revision Number:	0
Information Sources:	RTECS, REACH, OSHA 29CFR 1910.1200



THIS MATERIAL SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION. THE DATA DESCRIBED IN THIS MSDS CONSIST OF DATA ON LITERATURE, OUR ACQUISITIONAL DATA AND ANALOGICAL INFERENCE BY DATA OF SIMILAR CHEMICAL SUBSTANCES OR PRODUCTS. SAVE-SORB PROVIDES NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, AND ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE DATA CONTAINED HEREIN.

#### ADDITIONAL INFORMATION

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.