



DATA SHEET

Identity Information

Brand Name	NatureSorb™
Product	Dehydrated Sphagnum Peat Moss
Usage	Hydrocarbon & Chemical Absorbent
Origin	Made in Canada
Manufacturer & Distributor	Nirom Peat Moss, Inc.
Address	P.O.Box 565/315, des Raymond Riviere-du-Loup, Quebec GR5 3Z1 Canada
Emergency Telephone	418-862-0075
Emergency Fax	418-862-2135
HS Code	2703-00-0000
UPC Code	061205380045 (3.8) –

Properties

Absorption:	Can absorb approximately 1 US gallon of motor oil per pound used. It will not leach sorbed oil or petrochemicals.
Biodegradation:	Enhancing biodegrading of certain hydrocarbons into harmless byproducts. Dehydrated peat moss bioremediation on contaminated sites is already common practice in many parts of the world.
Vapour suppressor:	Can reduce flammable vapours on hydrocarbon-contaminated site by up to 90%. Risk of explosion is reduced and a hazardous spill is made more manageable.

Instructions

How to use:	Pour product to completely cover spill. Allow to absorb a few minutes. Sweep, scoop or vacuum up.
Storage:	Keep in a dry place.

Physical/Chemical Characteristics

Appearance:	Blonde, fibrous particles	
Odor:	Earthy	
Composition:	Sphagnum peat moss	+/- 85-87%
	Water/Moisture	+/- 12-15%
	Miscellaneous inert	+/- 0.5%
Grade:	H1 to H3 (Von Post scale)	
Specific Gravity:	60-95 g/L (dry weight basis)	
Solubility:	Not soluble in water	
pH:	3.5 – 4.5	
Properties:	Oleophilic, hydrophobic, non-abrasive, non-toxic	
Moisture Content:	12-15%	
Humic Acid:	23.3% (total organic matter)	

Fire & Explosion Hazard

Auto Ignition Temperature:	200°C - 392°F
Flash Point:	N/A
Extinguishing Media:	Standard firefighting agents
Fire Hazard:	Minimal

Reactivity Data

Conditions to avoid:	None known
Incompatibility:	Strong acids – pH 2-3
Hazardous Decomposition or Byproducts:	Does not occur except during pyrolysis
Hazardous Polymerization:	None known

Health Hazard Data

Routes of entry:	Inhalation, open wounds, eyes
Health Hazards:	Nuisance dust, contains peat
Carcinogenicity:	None known
Effect of Exposure:	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.
Emergency & First-Aid Procedures:	If inhaled, provide fresh air. If eye irritation occurs, flush with water. Keep open wounds covered and clean as suggested by any good programme of hygiene.

Toxicological Properties

Exposure Limit:	TWA 10 mg / m ³
Skin Contact:	No known hazard
Eye Contact:	Dust particles may cause minor eye irritation.
Inhalation:	Dust particles may cause slight irritation with very high concentrations.
Ingestion:	No known hazard

Control Measure

Respiratory Protection:	If dust is created, use approved respirator for nuisance dust of this type.
Ventilation:	Ventilation should be available in order to keep dust concentration below exposure limits.
Eye Protection:	Protective eyewear should be worn for high dust levels may cause irritation.

Supplemental Information

These materials are made from natural products and contain naturally occurring microorganisms. Proper precautions are advised to prevent infection of open wounds, inhalation of excessive amounts of dust and eye irritation. The proper hygiene practices necessary to prevent health hazards from any naturally occurring substance such as soil, bark etc., should be observed.

The information contained in this data sheet is provided without warranty of any kind, express or implied. The information contained herein is made available solely for consideration, investigation, and verification by the original recipients hereof. Users should consider this information only as a supplement to other information gathered by or available to them. Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials for the safety and health of employees, customers, and the environment. Users have the responsibility to keep currently informed on chemical hazard information, to design and update their own programmes and to comply with all applicable national, federal, state, and local laws and regulations regarding safety, occupational health, right to know, and environmental protection.