



SAFETY DATA SHEET

SECTION 1, CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

A. Product identifier: P.O.L. Sorb
 Chemical class: Non Chemical Natural organic, partially degraded Canadian sphagnum moss
 Synonym: Dehydrated Blonde Sphagnum Peat Moss
 B. Brand name: "P.O.L. Sorb"
 C. Name of manufacturer: The ARK Enterprises, Inc.
 Address: Plant: **Emergency number:**
 107 S Main Ionia 800-872-5741
 Missouri 65335 **Emergency fax:**
 Office: Post Office Box 725 Peculiar, Missouri 64078 800-473-5741
 D. Product use: Absorption of hydrocarbons & chemicals
 E. Date of SDS preparation: 05/29/2015
 F. Contact name: Steve Snyder: 800-872-5741

SECTION 2, HAZARD(S) IDENTIFICATION

0 FLAMMABILITY **0** HEALTH **0** INSTABILITY **NA** PERSONAL PROTECTION



Potential Health Hazards

A. Relevant routes of exposure: Dust caused by excess agitation of product in dried state
 E. Target Organs: Nose, throat, chest & eyes
 B. Adverse Health effects: Excess exposure to dust could cause irritation to nose and throat
 F. Type of effect: Irritation to eyes nose and throat
 C. Length of exposure: Unlimited, provided standard face mask is used
 G. Signs of symptoms: Irritation of eyes nose and throat
 D. Severity of effect: None

SECTION 3, COMPOSITION/INFORMATION ON INGREDIENTS

A. Chemical Identity & CAS registration number: Non Chemical compound no CAS number
 E. Generic Chemical identity: Non Chemical, 100% dehydrated organic peat moss
 B. WHMIS: No WHMIS ingredient
 F. Ingredient concentration: Not applicable
 C. WHMIS disclosure: Not Applicable
 G. LD50's and/or LC50's: Not applicable
 D. Harmful ingredients: NONE
 H. Exposure limits: Minimal irritation from excess exposure to non toxic dust

SECTION 4, FIRST AID MEASURES

If accidental over exposure is suspected

Eyes: Wash out thoroughly with saline eyewash
 Ingestion: No known hazard, drink lots of water
 Skin: No known hazard, wash off dust with soap and water
 Note to Physician: Normal treatment for non-toxic dust exposure, Symptomatic treatment
 Inhalation: No known hazard, drink lots of water
 Medical condition through over exposer: Irritation to eyes and throat

SECTION 5, FIREFIGHTING MEASURES



Flash point and method: Not applicable
 Extinguishing media: Standard
 Upper and lower flammable limits: Not applicable
 Sensitivity to explosion by impact: Not applicable
 Auto ignition temperature: 500 ° F/ 260 ° C
 Sensitivity to explosion by static discharge: Not applicable to unused product
 Hazardous combustion: Not applicable with unused product
 Firefighting procedures: Standard NFPA procedures
 Conditions under which flammability could occur: Used product containing highly flammable liquids exposed to flames

**SECTION 6, ACCIDENTAL RELEASE MEASURES**

A. Procedure for dealing with a release or spill: Sweep up and contain spilt product, no environmental risk

SECTION 7, HANDLING AND STORAGE

A. Handling practices & equipment: No special equipment required

SECTION 8, EXPOSURE CONTROLS/PERSONAL PROTECTION

A. Applicable control measures:

Avoid excess dust exposure

B. Personal protective equipment:

Coveralls, face mask and safety glasses should be used

SECTION 9, PHYSICAL AND CHEMICAL PROPERTIES

A. Appearance: Brown, fibrous organic material

B. Odor: A slight earthy smell

C. Physical state: Fibrous particles

D. pH: 3.5—4.5

E. Vapor pressure & reference: Capillary cells contain vapor to 4 bar pressure

F. Vapor density: Not applicable

G. Boiling point: Not applicable

H. Freezing point: Not applicable

I. Specific gravity or density: 60-95 g/L (dry weight)

J. Evaporation rate: Not applicable

K. Partition coefficient: Not applicable

L. Odor Threshold: None

M. Viscosity: Not applicable

N. Solubility in water: Not soluble in water

SECTION 10, STABILITY & REACTIVITY

A. Chemical stability: Stable

B. Conditions to avoid: None known

C. Incompatibility with other materials: Acids pH 2-3

D. Hazardous decomposition products: Not applicable

E. Hazardous polymerization: Not applicable

F. Hazardous Decomposition or Byproducts: Thermal decomposition releases CO, CO₂, Hydrocarbons

SECTION 11, TOXICOLOGICAL INFORMATION

A. Effects of short term exposure: Not harmful Refer HSE publication: EH 40 (nuisance dust)

B. Effects of long term exposure: Not harmful Refer HSE publication: EH 40 (nuisance dust)

C. Irritancy: Exposure to dust without face mask & glasses could cause irritation to eyes & nose

D. Sensitization: Avoid prolonged excessive dust exposure without face mask & glasses

E. Carcinogenicity: Not applicable

F. Reproductive toxicity: Not applicable

G. Teratogenicity: Not applicable

H. Mutagenicity: Not applicable

I. Name of toxicologically synergistic products: Not applicable

SECTION 12, ECOLOGICAL INFORMATION

POL Sorb is a reproductive & renewable organic composition, processed from Grade 2-3 Canadian sphagnum moss, and harvested to strict environmental guidelines in harmony with nature.

SECTION 13, DISPOSAL CONSIDERATIONS

Waste disposal information:

Dispose by incineration or landfill in accordance with local and national regulations governing the absorbed content materials.

SECTION 14, TRANSPORTATION INFORMATION

Transport: No special transport conditions apply; unspent material should be kept dry to maintain absorption properties

SECTION 15, REGULATORY INFORMATION

A. WHMIS classification: None Required

B. This MSDS has been prepared from information available to the manufacturer at this time and meets standard formats and specifications.

SECTION 16, OTHER INFORMATION

DISCLAIMER: 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. Normal and proper hygiene practices to prevent health hazards from any naturally occurring substance such as soil, bark, plant material, etc. should be employed. The information contained in all printed material is provided without warranty of any kind, express or implied. Information is provided solely for consideration, investigation, and verification by the recipients; users should consider this information only as a supplement to other information gathered by or made available to them. Users should make independent determinations of the suitability and completeness of all information from all sources to assure proper use and disposal of these materials for the safety and health of personnel and the environment, and for full regulatory compliance. The hazard information contained in the Material Safety Data Sheet ("MSDS") and elsewhere is not a substitute for risk assessment under actual conditions of use. Users have the responsibility to be and keep currently informed on chemical hazard information, to design and update their own programs, and to comply with all applicable international, federal, state and local laws and regulations regarding safety, occupational health, right to know, environmental protection, and any other related legislation. Prepared on May 29, 2015