



**MATERIAL SAFETY DATA SHEET**  
**MSDS NUMBER: #20      October, 2005**

**1) PRODUCT DESCRIPTION**

<b>Product Name:</b> <i>SPHAG SORB®</i>	
<b>Chemical Synonyms:</b> ENVIRONMENTAL ORGANIC ABSORBENT	
<b>Chemical Family:</b> Peat Moss	
<b>Emergency Telephone Number:</b>	IN CANADA: 1-866-468-5411 EDMONTON, ALBERTA INTERNATIONAL: 1-780-468-5444 EDMONTON, ALBERTA IN U.S.: 1-866-468-5411

**2) HAZARD RATING**

Least (0)	Slight (1)	Moderate (2)
	High (3)	Extreme (4)
<b>Health:</b> 0		
<b>Fire:</b> 1		
<b>Reactivity:</b> 0		

**3) INGREDIENTS**

Composition	Exposure Limits	%
PEAT	NUISANCE PARTICULATE 10 mg/m3	85.5 – 87.5%
MOISTURE	N/A	12 – 14%
MISC. INERT	N/A	0.5%

**4) HEALTH INFORMATION**

<b>CHRONIC AND ACUTE EFFECTS OF OVER EXPOSURE</b>	
<b>Inhalation:</b>	MAY CAUSE SLIGHT IRRITATION WITH VERY HIGH CONCENTRATIONS
<b>Ingestion:</b>	NO KNOWN HAZARD
<b>Eyes:</b>	DUST PARTICLES MAY CAUSE MINOR EYE IRRITATION
<b>Skin:</b>	NO KNOWN HAZARD
<b>Applies to unused <i>SPHAG SORB</i></b>	
<b>Toxic Data:</b>	ESTABLISHED NON-TOXIC

**5) PERSONAL PROTECTION INFORMATION**

<b>Ventilation:</b>	ADEQUATE VENTILATION SHOULD BE AVAILABLE TO KEEP DUST CONCENTRATIONS BELOW EXPOSURE LIMITS.
<b>Respiratory Protection:</b>	A NIOSH APPROVED DUST RESPIRATOR SHOULD BE WORN WHEN DUST STANDARDS ARE EXCEEDED.
<b>Eye Protection:</b>	SAFETY GLASSES WITH SIDE SHIELD ARE RECOMMENDED
<b>Skin Protection:</b>	PROTECTIVE CLOTHING IS NOT NECESSARY FOR <i>SPHAG SORB</i> , BUT MAY BE REQUIRED TO HANDLE ABSORBED HYDROCARBONS.
<b>Other:</b>	WASHING FACILITIES SHOULD BE AVAILABLE.

**6) EMERGENCY & FIRST AID PROCEDURES**

<b>Inhalation:</b>	REMOVE TO FRESH AIR
<b>Ingestion:</b>	DO NOT INDUCE VOMITING
<b>Eyes:</b>	FLUSH EYES WITH RUNNING WATER TO REMOVE PARTICLES
<b>Skin:</b>	WASH IRRITATED AREAS WITH MILD SOAP AND WATER
<b>IF IRRITATION OR DISCOMFORT PERSISTS, CONSULT A PHYSICIAN</b>	
<b>Note to physician:</b>	SYMPTOMATIC TREATMENT

**7) PHYSICAL DATA**

<b>Boiling Point:</b> N/A	<b>Melting Point:</b> N/A	<b>Vapor Pressure:</b> N/A
<b>Vapor Density:</b> N/A	<b>Solubility in H<sub>2</sub>O:</b> NOT SOLUBLE, LOOSE	<b>Appearance, Odor:</b> BROWN, FIBROUS
<b>pH</b> 6-8 s.u.	<b>% Volatile by Weight</b> N/A	<b>Evaporation Rate:</b> N/A

**8) FIRE & EXPLOSION HAZARDS**

<b>Flash Point &amp; Method Used:</b> N/A	<b>Lower Flammable Limits in Air % by Volume:</b> N/A
<b>Auto Ignition Temperature:</b>	500°F 260°C
<b>Extinguishing Method:</b>	USE MEDIA NEEDED TO CONTROL SURROUNDING FIRE
<b>Special Fire Fighting Procedures &amp; Precautions:</b> STANDARD FIRE PROTECTION EQUIPMENT	
<b>Unusual Fire &amp; Explosion Hazards:</b> DRY (UNSATURATED) <i>SPHAG SORB</i> MAY WICK PETROLEUM-BASED PRODUCTS TO AN OPEN FLAME	

**9) REACTIVITY**

<b>Stability:</b> STABLE	<b>Hazardous Polymerization:</b> NOT KNOWN TO OCCUR
<b>Conditions &amp; Materials to Avoid:</b> STRONG ACIDS/BASES	
<b>Hazardous Decomposition Products:</b> <b>NONE KNOWN</b>	

**10) SPILL OR LEAK PROCEDURES**

<b>Emergency Action:</b> SWEEP UP AND CONTAINERIZE IF UNUSED
<b>Waste Disposal:</b> OFF SPEC. OR UNUSED <i>SPHAG SORB</i> IS NOT HAZARDOUS. DISPOSE OF USED <i>SPHAG SORB</i> ACCORDING TO LOCAL REGULATIONS GOVERNING MATERIAL ABSORBED.

**11) STORAGE & TRANSPORTATION REQUIREMENTS**

<b>Emergency Action:</b> STORE IN DRY PLACE TO PREVENT UNWANTED HYDRATION
<b>Other Precautions:</b> NONE
<b>Transportation Requirements:</b> NORMAL FREIGHT

Due to the variety of liquids and chemicals involved in spills, the manufacturer cannot recommend disposal procedures or guarantee the performance of *SPHAG SORB* other than to replace such quantity of product proved to be defective. *SPHAG SORB* disclaims any liability for loss or damage incurred in connection with the use of this substance.

**MANUFACTURED BY: Earth Care Products**  
 E-mail: [ecp@earthcareproducts.com](mailto:ecp@earthcareproducts.com)