



# SPHAG Sorb SDS Safety Data Sheet

## Section 1 – Identification

### Safety Data Sheet

**Product identifier**

**Product Name**

- SPHAG SORB®

**Synonyms**

- Environmental Organic Absorbent

**Relevant identified uses of the substance or mixture and uses advised against recommended use**

- Consult manufacturer for recommended product use.

### Details of the supplier of the safety data sheet

**Manufacturer:**

Earth Care Products  
 7430 – 52 Street NW  
 Edmonton, Alberta T6B 2G3  
 Canada  
[aq@earthcareproducts.com](mailto:aq@earthcareproducts.com) or [jay@earthcareproducts.com](mailto:jay@earthcareproducts.com)

### Emergency telephone number

**Manufacturer**

- 1-866-468-5411 - IN U.S.

**Manufacturer**

- 1-780-468-5444 - INTERNATIONAL

**Manufacturer**

- 1-866-468-5411 - IN CANADA

## Section 2 – Hazard Identification

According to: OSHA 29 CFR 1910.1200 HCS

### Classification of the substance or mixture

**OSHA HCS 2012:**

Information throughout the SDS applies to unused SPHAG SORB®.  
 Once SPHAG SORB® has been used to clean up a spill it is recommended that the SDSs for the liquids or chemicals that were spilled be consulted.  
 Not classified

### Label elements

**OSHA HCS 2012**

**Hazard statements:** No label element(s) required

### Other hazards

**OSHA HCS 2012:**

This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

## Section 3 – Composition/Information on Ingredients

**Substances:** Material does not meet the criteria of a substance.

**Mixtures**

Chemical Name	Composition	
	Identifiers	%
Peat	NDA	85.5% TO 87.5%
Moisture	NDA	10% TO 12%
Inert Ingredients	NDA	0.5%



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## Section 4 – First-Aid Measures

### Description of first aid measures

- Inhalation** • Move victim to fresh air. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.
- Skin** • If skin irritation were to occur, wash irritated areas with mild soap and water.
- Eye** • In case of contact with substance, immediately flush eyes with running water for at least 20 minutes.
- Ingestion** • Rinse mouth. Do not give anything by mouth to an unconscious person. Do NOT induce vomiting.

### Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

### Indication of any immediate medical attention and special treatment needed

- Notes to Physician** • All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5 – Fire-Fighting Measures

### Extinguishing media

- Suitable Extinguishing Media** • In case of fire use media as appropriate for surrounding fire.

- Unsuitable Extinguishing Media** • N/A

### Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards** • Dry (unsaturated) SPHAG SORB® may wick petroleum-based products to an open flame.

- Hazardous Combustion Products** • N/A

### Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

## Section 6 – Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

- Personal Precautions** • No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.

- Emergency Procedures** • No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.

- Environmental precautions** • No special environmental precautions.  
Methods and material for containment and cleaning up

- Containment/Clean-up Measures** • Carefully shovel or sweep up spilled material and place in suitable Container.



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## Section 7 – Handling and Storage

### Precautions for safe handling

**Handling** • Use good safety and industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

**Storage** • Store in a dry place to prevent unwanted hydration.

## Section 8 – Exposure Controls/Personal Protection

### Control parameters

#### Exposure Limits/Guidelines

	Result	ACGIH	OSHA
Peat	TWAs	10 mg/m <sup>3</sup> TWA (inhalable particles, recommended); 3 mg/m <sup>3</sup> TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i>	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i>

### Exposure Limits Supplemental

#### OSHA

Peat as Particulates not otherwise classified (PNOC): Mineral Dusts: (15 mppcf TWA (respirable fraction); 5 mg/m<sup>3</sup> TWA (respirable fraction); 50 mppcf TWA (total dust); 15 mg/m<sup>3</sup> TWA (total dust))

### Exposure controls

**Engineering Measures/Controls** • Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

### Personal Protective Equipment

**Respiratory** • For limited exposure use an N95 dust mask. For prolonged exposure use an air-purifying respirator with high efficiency particulate air (HEPA) filters. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

**Eye/Face** • Safety glasses with side shields are recommended.  
**Skin/Body** • Protective clothing is not necessary for SPHAG SORB®, but may be required to handle absorbed hydrocarbons.

**Environmental Exposure Controls** • Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

### Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene  
OSHA = Occupational Safety and Health Administration  
TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures



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## Section 9 – Physical and Chemical Properties

### Information on Physical and Chemical Properties

#### Material Description

Physical Form	Solid	Appearance/Description	Brown, fibrous solid.
Color	Brown	Odor	N/A
Odor Threshold	N/A		

#### General Properties

Boiling Point	N/A	Melting Point/Freezing	N/A
Decomposition Temperature		pH	6 to 8
Specific Gravity/Relative Density	N/A	Water Solubility	Insoluble Loose
Viscosity	N/A		

#### Volatility

Vapor Pressure	N/A	Vapor Density	N/A
Evaporation Rate	N/A		

#### Flammability

Flash Point	N/A	UEL	N/A
LEL	N/A	Autoignition (@ 10% moisture)	>500 °F (260 °C)
Flammability (solid, gas)	N/A		

#### Environmental

Flammability (solid, gas)	N/A
Octanol/Water Partition Coefficient	N/A

## Section 10 – Stability and Reactivity

### Reactivity

- No dangerous reaction known under conditions of normal use.

### Chemical stability

- Stable under normal temperatures and pressures.

### Possibility of hazardous reactions

- Hazardous polymerization will not occur.

### Conditions to avoid

- Avoid generating dust.

### Incompatible materials

- Strong acids/bases.

### Hazardous decomposition products

- None known.



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## Section 11 – Toxicological Information

### Information on toxicological effects

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • None
Skin corrosion/Irritation	OSHA HCS 2012 • None
Serious eye damage/Irritation	OSHA HCS 2012 • None
Skin sensitization	OSHA HCS 2012 • None
Respiratory sensitization	OSHA HCS 2012 • None
Aspiration Hazard	OSHA HCS 2012 • None
Carcinogenicity	OSHA HCS 2012 • None
Germ Cell Mutagenicity	OSHA HCS 2012 • None
Toxicity for Reproduction	OSHA HCS 2012 • None
STOT-SE	OSHA HCS 2012 • None
STOT-RE	OSHA HCS 2012 • None

### Potential Health Effects

#### Inhalation

- Acute (Immediate)** • May cause slight irritation with very high concentrations.
- Chronic (Delayed)** • N/A

#### Skin

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • N/A

#### Eye

- Acute (Immediate)** • Exposure to dust may cause mechanical irritation. Excessive concentrations of nuisance dust in the workplace may reduce visibility and may cause unpleasant deposits in eyes.
- Chronic (Delayed)** • N/A

#### Ingestion

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • N/A

## Section 12 – Ecological Information

### Toxicity

- Non-mandatory section - information about this substance not compiled.

### Persistence and degradability

- Non-mandatory section - information about this substance not compiled.

### Bio accumulative potential

- Non-mandatory section - information about this substance not compiled.

### Mobility in Soil

- Non-mandatory section - information about this substance not compiled.

### Other adverse effects

- Non-mandatory section - information about this substance not compiled.



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## Section 13 – Disposal Considerations

### Waste treatment methods

- Product waste** • Unused SPHAG SORB® is not hazardous. Due to the variety of liquids and chemicals involved in spills, the manufacturer cannot recommend disposal procedures. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations reflective to the absorbed liquid.
- Packaging waste** • All waste should be packaged for shipment accordance to local regulation or international regulations.

## Section 14 - Transport Information

UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA

**Special precautions for user** • None Known

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • N/A

## Section 15 - Regulatory Information

### Safety, health and environmental regulations/legislation specific for the substance or mixture United States

#### Labor

U.S. – OSHA – Process Safety Management – Highly Hazardous Chemicals: N/A  
 U.S. – OSHA – Specifically Regulated Chemicals: N/A

#### Environment

U.S. – CAA (Clean Air Act)– 1990 Hazardous Air Pollutants: N/A  
 U.S. – CERCLA/SARA – Hazardous Substances and their Reportable Quantities: N/A  
 U.S. – CERCLA/SARA – Radionuclides and Their Reportable Quantities: N/A  
 U.S. – CERCLA/SARA – Section 302 Extremely Hazardous Substances EPCRA RQs: N/A  
 U.S. – CERCLA/SARA – Section 302 Extremely Hazardous Substances TPQs: N/A  
 U.S. – CERCLA/SARA – Section 313 - Emission Reporting: N/A  
 U.S. – CERCLA/SARA – Section 313 - PBT Chemical Listing: N/A

#### United States - California

##### Environment

U.S. – California – Proposition 65 – Carcinogens List: N/A  
 U.S. – California – Proposition 65 – Developmental Toxicity: N/A  
 U.S. – California – Proposition 65 – Maximum Allowable Dose Levels (MADL): N/A  
 U.S. – California – Proposition 65 – No Significant Risk Levels (NSRL): N/A  
 U.S. – California – Proposition 65 – Reproductive Toxicity – Female: N/A  
 U.S. – California – Proposition 65 – Reproductive Toxicity – Male: N/A

## Section 16 - Other Information

Due to the variety of liquids and chemicals involved in spills the manufacturer cannot 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.

Disclaimer/Statement of Liability Key to abbreviations  
 NDA = N/A