



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 or 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% |



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.



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 ³ TWA (inhalable particles, recommended); 3 mg/m ³ TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i> | 15 mg/m ³ TWA (total dust); 5 mg/m ³ 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/m³ TWA (respirable fraction); 50 mppcf TWA (total dust); 15 mg/m³ 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



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.



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.



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