



MATERIAL SAFETY DATA SHEET

MSDS NUMBER: #33 January, 2016

1) PRODUCT DESCRIPTION

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|------------------------------------|---------------------------------|----------------|-------------------|
| Product Name: | SPHAG SORB® | | |
| Chemical Synonyms: | ENVIRONMENTAL ORGANIC ABSORBENT | | |
| Chemical Family: | Peat Moss | | |
| Emergency Telephone Number: | 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

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|--------------------|---------------------|--------------------------|
| Least (0) | Slight High (1) (3) | Moderate Extreme (2) (4) |
| Health: | 0 | |
| Fire: | 1 | |
| Reactivity: | 0 | |

3) INGREDIENTS

| Composition | Exposure Limits | % |
|-------------|-------------------------------------------|--------------|
| PEAT | NUISANCE PARTICULATE 10 mg/m ³ | 85.5 - 87.5% |
| MOISTURE | N/A | 12 - 14% |
| MISC. INERT | N/A | 0.5% |

4) HEALTH INFORMATION

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

5) PERSONAL PROTECTION INFORMATION

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

6) EMERGENCY & FIRST AID PROCEDURES

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

7) PHYSICAL DATA

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| Boiling Point: N/A | Melting Point: N/A | Vapor Pressure: N/A |
| Vapor Density: N/A | Solubility in H₂O: NOT SOLUBLE, LOOSE | Appearance, Odor: BROWN, FIBROUS |
| pH 6-8 s.u. | % Volatile by Weight N/A | Evaporation Rate: N/A |

8) FIRE & EXPLOSION HAZARDS

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

9) REACTIVITY

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|-------------------------------------------------------------------|--------------------------------------------------------|
| Stability: STABLE | Hazardous Polymerization: NOT KNOWN TO OCCUR |
| Conditions & Materials to Avoid: STRONG ACIDS/BASES | |
| Hazardous Decomposition Products: NONE KNOWN | |

10) SPILL OR LEAK PROCEDURES

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

11) STORAGE & TRANSPORTATION REQUIREMENTS

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| Emergency Action: STORE IN DRY PLACE TO PREVENT UNWANTED HYDRATION |
| Other Precautions: NONE |
| Transportation Requirements: 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

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