

## Safety Data Sheet

### Section 1: Identification

#### Product identifier

- Product Name** • **Rhino Dirt**
- 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** • Rhino Dirt, LLC  
213 Eastcastle Dr SE, Ste. B  
Grand Rapids, MI 49508  
United States  
  
info@RhinoDirt.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

#### United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

- OSHA HCS 2012** • Information throughout the SDS applies to unused Rhino Dirt. Once Rhino Dirt 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

Composition		
Chemical Name	Identifiers	%
Peat	NDA	85.5% TO 87.5%
Moisture	NDA	12% TO 14%
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**
- No data available

### Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- Dry (unsaturated) Rhino Dirt may wick petroleum-based products to an open flame.

- Hazardous Combustion Products**
- No data available

### 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 <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 Rhino Dirt, 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

<b>Material Description</b>			
Physical Form	Solid	Appearance/Description	Brown, fibrous solid.
Color	Brown	Odor	No data available
Odor Threshold	No data available		
<b>General Properties</b>			
Boiling Point	No data available	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	6 to 8
Specific Gravity/Relative Density	No data available	Water Solubility	Insoluble Loose
Viscosity	No data available		
<b>Volatility</b>			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
<b>Flammability</b>			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	500 °F(260 °C)
Flammability (solid, gas)	No data available		
<b>Environmental</b>			
Octanol/Water Partition coefficient	No data available		

## 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 • No data available
Skin corrosion/Irritation	OSHA HCS 2012 • No data available
Serious eye damage/Irritation	OSHA HCS 2012 • No data available
Skin sensitization	OSHA HCS 2012 • No data available

Respiratory sensitization	OSHA HCS 2012 • No data available
Aspiration Hazard	OSHA HCS 2012 • No data available
Carcinogenicity	OSHA HCS 2012 • No data available
Germ Cell Mutagenicity	OSHA HCS 2012 • No data available
Toxicity for Reproduction	OSHA HCS 2012 • No data available
STOT-SE	OSHA HCS 2012 • No data available
STOT-RE	OSHA HCS 2012 • No data available

## Potential Health Effects

### Inhalation

- Acute (Immediate)**
  - May cause slight irritation with very high concentrations.
- Chronic (Delayed)**
  - No data available

### Skin

- Acute (Immediate)**
  - Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)**
  - No data available

### 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)**
  - No data available

### Ingestion

- Acute (Immediate)**
  - Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)**
  - No data available

## 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.

### Bioaccumulative 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 Rhino Dirt 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.

**Packaging waste**

- Unused Rhino Dirt 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.

**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 specified.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • No data available

**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**

Not Listed

**U.S. - OSHA - Specifically Regulated Chemicals**

Not Listed

**Environment**

**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

Not Listed

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**

Not Listed

**U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities**

Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**

Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs**

Not Listed

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**

Not Listed

**U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing**

Not Listed

**United States - California****Environment**

**U.S. - California - Proposition 65 - Carcinogens List**

Not Listed

**U.S. - California - Proposition 65 - Developmental Toxicity**

Not Listed

**U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)**

Not Listed

**U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)**

Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Female**

Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Male**

Not Listed

## Section 16 - Other Information

- Revision Date**                      • 10/April/2018
- Preparation Date**                • 01/June/2016
- Disclaimer/Statement of Liability**                      • Due to the variety of liquids and chemicals involved in spills the manufacturer cannot guarantee the performance of RHINO DIRT other than to replace such quantity of product proved to be defective. RHINO DIRT disclaims any liability for loss or damage incurred in connection with the use of this substance.

**Key to abbreviations**

NDA = No Data Available