Material Name: Peat

Section 1: Identification

1.1 Product trade names: Sphagnum peat moss
1.2 Product Class: Natural organic planting mixes
   - Product Codes: N/A
   - CAS/EC Number: Product does not have a CAS or EC number.
   - Intended Use: Domestic gardening, planting mixture, and other general horticultural purpose.

1.3 Supplier:
   - County Materials Corp.
   - 205 North St., P.O. Box 100
   - Marathon, WI 54448-0100
   - General Information Telephone: (800) 289-2569
   - Email: riskclaimssafety@countymaterials.com

1.4 Emergency telephone:
   - 715-223-7788

Section 2: Hazard(s) Identification

2.1 Classification:
   This material is not considered hazardous according to the OSHA Hazard Communication Standard or GHS Hazard Classification and Labelling System.

2.2 Labeling:
   - Pictograms: None.
   - Signal Word: None.
   - Hazard Statements: None.
   - Precautionary Statements:
     - P261 – Avoid breathing dusts.
     - P271 – Use only outdoors or in a well-ventilated area.
     - P280 – Wear protective gloves, protective clothing, and eye protection.

2.3 Other Hazards: This product is not classified as hazardous under normal conditions of use and storage. Exposure to entrained dusts may occur during agitation of dried product and can cause irritation to respiratory system. Contact with eyes and skin may cause irritation.

Section 3: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS Number</th>
<th>EC Number</th>
<th>Concentration%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peat</td>
<td>--</td>
<td>--</td>
<td>100</td>
</tr>
</tbody>
</table>

This product contains natural agricultural components and decomposed organic matter. It is not anticipated to contain quantities of naturally occurring crystalline silica at greater than 0.1%.
Material Name: Peat

Section 4: First-Aid Measures

4.1 Description of first aid measures:

Inhalation: Airborne dust may be inhaled. Remove person to fresh air. Seek medical attention if breathing difficulty develops or persists.

Skin Contact: Wash skin with soap and plenty of water. If irritation develops or persists, seek medical attention.

Eye Contact: Rinse eyes thoroughly with potable water for at least 15 minutes and remove contacts if easy to do. Rinse under eyelids to remove any particles. Seek medical attention for any abrasions or if irritation develops or persists.

Ingestion: Rinse mouth with copious amounts of water. If the person is conscious and aware, give large amounts of water to rinse material and taste from the mouth. Never attempt to make an unconscious person drink or vomit. If the person is unconscious it may be necessary to sweep the blockage out of the mouth using a finger. Seek emergency medical attention if deemed necessary.

4.2 Most important symptoms and effects:

Inhalation: May cause irritation of the respiratory tract.

Skin Contact: May cause irritation.

Eye Contact: May cause irritation, abrasions, redness, and permanent eye damage.

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation, choking/blockage.

4.3 Indication of any immediate medical attention and special treatment needed: See Section 4.1.

Section 5: Fire-Fighting Measures

5.1 Extinguishing media: Product is not flammable. Use appropriate media for fire adjacent to product.

5.2 Special hazards arising from the substance or mixture: None known.

5.3 Advice to firefighters: None.

Section 6: Accidental Release Measures

6.1 Personal precautions: Wear dust-mask or respirator if airborne concentrations approach or exceed exposure limits detailed in Section 8.

6.2 Environmental precautions: Carefully clean up spilled material and place the material into suitable containers and hold for reuse or disposal. Dispose of the waste material in accordance with local regulations.

6.3 Methods and materials for containment and cleaning up: Shovel material. Avoid sweeping to limit dried airborne dust.

6.4 Reference to other sections: Use information obtained throughout this SDS to be fully prepared in case of accidental release.

Section 7: Handling and Storage

7.1 Precautions for safe handling: Avoid excessive dust formation and breathing dust. Persons handling the product should wear recommended personal protective equipment (PPE) as noted in Section 8. Wash thoroughly with potable water and mild soap after handling. Use outdoors or provide ventilation.

7.2 Conditions for safe storage, including any incompatibilities: Store at ambient temperatures. Clean up by shovel, wet sweeping and/or vacuuming.

7.3 Specific end uses: See Section 1. for intended uses.
Material Name: Peat

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters: Note the limits shown below are for guidance only. Follow applicable regulations in your jurisdiction.

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>Source</th>
<th>Exposure Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Dust (or Particulates Not</td>
<td>ACGIH</td>
<td>10 mg/m³ (I) / 3 mg/m³ (R)</td>
</tr>
<tr>
<td>Otherwise Classified)</td>
<td>OSHA</td>
<td>15 mg/m³ (T) / 5 mg/m³ (R)</td>
</tr>
<tr>
<td></td>
<td>NIOSH</td>
<td>10 mg/m³ (T) / 5 mg/m³ (R)</td>
</tr>
</tbody>
</table>

8.1.1 Currently recommended monitoring procedures: No recommendations.

8.1.2 Exposure guidelines for air contaminants, if any: See Section 8.1

8.1.3 DNELS and PNECS for exposure scenarios: Information not available at this time.

8.1.4 Control banding for risk management: Use good industrial hygiene practice, wear appropriate PPE and use only in well ventilated places.

8.2 Exposure Controls:

8.2.1 Appropriate engineering controls: If used in an enclosed area, provide adequate local exhaust ventilation when possible to remove and prevent buildup of any dusts generated from the handling of this product. Water suppression may also be used to limit airborne dusts from dried product during application or use.

8.2.2 Individual protection methods: Use good industrial hygiene practices in handling this material. Eye wash stations should be available. Wash exposed skin with potable water and mild soap after use. If any irritation or redness is noted, treat symptomatically or consult a doctor immediately. Wear gloves, safety glasses/goggles and protective clothing. In case of eye contact, flush with plenty of clean, potable water for at least 15 minutes. Remove contacts if easy to do so. Seek medical attention if irritation occurs. Avoid dust inhalation and direct contact with skin and eyes. Wash contaminated skin before eating, drinking or smoking.

8.2.3 Personal Protective Equipment:

Eye/Face: Use appropriate eye protection: glasses with side shields or goggles.

Skin: Avoid contact by covering skin with protective clothing. Wear gloves when handling the product. Wear eye protection. Wash exposed skin thoroughly with potable water and mild soap.

Respiratory: If airborne concentrations are above the applicable exposure limits, use NIOSH-approved respirator if qualified.
Material Name: Peat

**Section 9: Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Combined blend of material</td>
</tr>
<tr>
<td>Color</td>
<td>Varying brown/black shades</td>
</tr>
<tr>
<td>Odor</td>
<td>Earthy</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Initial Boiling Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Lower and Upper Explosion Limits/Flammability Limit</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Non-flammable</td>
</tr>
<tr>
<td>Auto-Ignition Temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not evaluated</td>
</tr>
<tr>
<td>pH</td>
<td>5 - 7</td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Solubility</td>
<td>Non-soluble</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Density (and/or Relative Density)</td>
<td>Not evaluated</td>
</tr>
<tr>
<td>Particle Characteristics</td>
<td>Variable sizes</td>
</tr>
</tbody>
</table>

**Section 10: Stability and Reactivity**

10.1 Reactivity: None known.

10.2 Chemical stability: Stable under normal conditions of storage and use.

10.3 Possibility of hazardous reactions: Avoid contact with powerful oxidizing agents.

10.4 Conditions to avoid: Avoid dust concentrations above permissible exposure limits.

10.5 Incompatible materials: Incompatible materials and possible hazardous reactions are detailed in Section 10.3.

10.6 Hazardous decomposition or byproducts: Highly improbable. Hazardous polymerization will not occur.

**Section 11: Toxicological Information**

11.1 Information on toxicological effects:

Acute Exposure and Symptoms:

Inhalation: May cause irritation of the respiratory system.

Skin Contact: May cause irritation.

Eye Contact: May cause irritation, abrasions, redness, and permanent eye damage.

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation, choking/blockage.

Chronic Exposure:

Prolonged exposure to dust may cause irritation to the respiratory tract, inflame or sensitize the nose, throat and lungs resulting in illnesses such as asthma or pneumonia.

**Numerical Measures of Toxicity**

There no numerical measurers of toxicity available for the product at this time.
Material Name: Peat

Section 11: Toxicological Information

Component Carcinogenicity
This product is not a known or suspected carcinogen.

Specific Target Organ Toxicity Single/Repeat Exposure – Respiratory System
Repeated inhalation of dusts can lead to irritation of the respiratory tract, inflame or sensitize the nose, throat and lungs resulting in illnesses such as asthma or pneumonia. Exposure to dust may occur with agitation of the product if the product is dry.

Skin Sensitizer
Not expected to be a skin sensitizer.

Section 12: Ecological Information (non-mandatory)

12.1 Ecotoxicity:
General Product Information: Product when used as intended is not hazardous to the environment.
Component Analysis - Ecotoxicity: Ecotoxicity data are not available for this product's.
Environmental Fate: No information available for the product.

Section 13: Disposal Considerations (non-mandatory)

13.1 Waste treatment methods:
General Product Information: Whatever cannot be saved or recovered for recycling should be disposed of according to state and local regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14: Transport Information (non-mandatory)

Product is not classified as Dangerous Goods.

Section 15: Regulatory Information (non-mandatory)

15.1 Safety, health, and environmental regulation:

US Federal Regulations
General Product Information: No component is listed on the U.S. EPA TSCA Inventory List.
Component Analysis: Components of this product are not listed as hazardous under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations
General Product Information: Other state regulations may apply. Check individual state requirements.
California Prop. 65 Components: This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.
Material Name: Peat

Section 15: Regulatory Information (non-mandatory)

Section 16: Other Information

Disclaimer: Supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Safety Data Sheet before handling product.

Key to Abbreviations and Acronyms:
ACGIH: American Conference of Governmental Industrial Hygienists
DNEL: Derived No Effect Level
EINECS: European Inventory of Existing Commercial Chemical Substances
EPA: Environmental Protection Agency
EU: European Union
GHS: Globally Harmonized System of classification and labelling of chemicals
IARC: International Agency for Research on Cancer
I: Inhalable Particles
LC50: Lethal concentration in air fatal to 50 percent of test animals
LD50: Lethal dose by mouth or other route to 50 percent of test animals
LDLo: Lowest lethal dose
NIOSH: National Institute for Occupational Safety and Health
NJTSR: New Jersey Trade Secret Registry
NOEC: No Observed Effect Concentration
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration (USA)
PNEC: Predicted No Effect Concentration
PNOC: Particulates Not Otherwise Classified
PPM: Parts Per Million
R: Respirable Particles
STEL: Short Term Exposure Limit
T: Total Dust
TLV: Threshold Limit Value
TSCA: Toxic Substance Control Act
TWA: Time weighted average

** This is the end of SDS – Peat **
1. Identification

This Safety Data Sheet is available in American Spanish upon request. Los Datos de Serguridad pueden obtenerse en Espanol si lo riquiere.

Product Name:  Plaster of Paris              Revision Date: 6/19/2015
Product UPC Number:  10308, 10310, 10312, 10318, 10313
Product Use/Class:  Plaster of Paris
Manufacturer:  DAP Products Inc.  
              2400 Boston Street Suite 200  
              Baltimore, MD 21224-4723  
              888-327-8477 (non - emergency matters)
Preparer:  Regulatory Department

2. Hazards Identification

**EMERGENCY OVERVIEW:** WARNING! May cause eye, skin, nose, throat and respiratory tract irritation. Product dust may be irritating to eyes, skin and respiratory system. Removal of this product after use or by dry sanding will generate dust and exposure to this dust may be irritating to the eyes, ears, nose and mouth. May cause burns. When mixed with water, this material hardens and then slowly becomes hot. DO NOT attempt to make a cast enclosing any part of the body using this material. Failure to follow these instructions may cause severe burns that may require surgical removal of affected tissues. DO NOT attempt to make a cast enclosing any part of the body using this material. Failure to follow these instructions may cause severe burns that may require surgical removal of affected tissues.
GHS Classification
Acute Tox. 4 Inhalation, Carc. 1A, Eye Irrit. 2, Skin Irrit. 2

Symbol(s) of Product

Signal Word
Danger

**GHS HAZARD STATEMENTS**

- **Skin Irritation, category 2**
  - CAS-No.: 26499-65-0
  - Wt. %: 75-100
  - GHS Symbols: GHS03
  - GHS Statements: H270

- **Eye Irritation, category 2**
  - CAS-No.: 1317-65-3
  - Wt. %: 10-25
  - GHS Symbols: GHS03
  - GHS Statements: H270

- **Acute Toxicity, Inhalation, category 4**
  - CAS-No.: 14808-60-7
  - Wt. %: 1.0-2.5
  - GHS Symbols: GHS03-GHS07
  - GHS Statements: H270-302

- **Carcinogenicity, category 1A**
  - May cause cancer. Classified as carcinogenic Category 1 on the basis of epidemiological and/or animal data. Mixtures are classified as carcinogenic when at least 1 ingredient has been classified as carcinogenic and is present at 0.1% or above. Routes of exposure are dependant on ingredient form.

**GHS LABEL PRECAUTIONARY STATEMENTS**

- **P271**
  - Use only outdoors or in a well-ventilated area.

- **P304+P340**
  - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

### 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Wt. %</th>
<th>GHS Symbols</th>
<th>GHS Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plaster of paris</td>
<td>26499-65-0</td>
<td>75-100</td>
<td>GHS03</td>
<td>H270</td>
</tr>
<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>10-25</td>
<td>GHS03</td>
<td>H270</td>
</tr>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>1.0-2.5</td>
<td>GHS03-GHS07</td>
<td>H270-302</td>
</tr>
</tbody>
</table>

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

### 4. First-aid Measures

**FIRST AID - INHALATION:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

**FIRST AID - SKIN CONTACT:** Wash skin with soap and water for 15 minutes. Get medical aid if symptoms persist.

**FIRST AID - EYE CONTACT:** In case of contact, immediately flush eyes with large quantities of water for at least 15 minutes until irritation subsides. Get medical attention immediately.

**FIRST AID - INGESTION:** If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately.

### 5. Fire-fighting Measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** 465 <undefined>

**SPECIAL FIREFIGHTING PROCEDURES:** Wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear. Use water spray to cool exposed surfaces.

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam

### 6. Accidental Release Measures

**ENVIRONMENTAL MEASURES:** No Information

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. Sweep up excess powder. Place remaining powder into containers.
7. Handling and Storage

**HANDLING:** KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY. Use only with adequate ventilation. Ensure fresh air entry during application and drying. Do not breathe dust. Removal of this product after use will result in the generation of Dust. If dry-sanded, exposure to dust may result in the build-up of material in eyes, ears, nose, and mouth which may cause irritation. While dry sanding, use of a NIOSH-approved dust mask is recommended. Wash thoroughly after handling.

**STORAGE:** Store away from caustics and oxidizers. Keep containers dry and tightly closed to avoid moisture absorption and contamination.

8. Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Ingredients with Occupational Exposure Limits</th>
<th>ACGIH TLV-TWA</th>
<th>ACGIH-TLV STEL</th>
<th>OSHA PEL-TWA</th>
<th>OSHA PEL-CEILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plaster of paris</td>
<td>N.E.</td>
<td>N.E.</td>
<td>15 mg/m3 TWA</td>
<td>N.E.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>total dust, 5 mg/m3 TWA respirable fraction</td>
<td></td>
</tr>
<tr>
<td>Limestone</td>
<td>N.E.</td>
<td>N.E.</td>
<td>15 mg/m3 TWA</td>
<td>N.E.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>total dust, 5 mg/m3 TWA respirable fraction</td>
<td></td>
</tr>
<tr>
<td>Quartz</td>
<td>0.025 mg/m3 TWA respirable fraction</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
</tbody>
</table>

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier’s Recommendation Sk = Skin Sensitizer N.E. = Not Established

Personal Protection

**RESPIRATORY PROTECTION:** Dust safety masks recommended where working powder concentration is more than 10 mg/m3. When concentrations exceed the exposure limits specified, use of a NIOSH-approved dust, mist and fume respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a full facepiece, supplied air, or Self Contained Breathing Apparatus (SCBA) may be necessary. If concentrations exceed the exposure limits specified, use of a NIOSH-approved supplied air respirator is recommended. Where the protection factor is exceeded, use of a Self Contained Breathing Apparatus (SCBA) may be necessary. National Institute for Occupational Safety and Health (NIOSH) has recommended that the permissible exposure limit be changed to 50 micrograms respirable free silica per cubic meter of air (0.05 mg/m3) as determined by a full shift sample up to 10-hour work shift. A respiratory protection program that meets the OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator’s use.

**SKIN PROTECTION:** Wear protective gloves.

**EYE PROTECTION:** Goggles or safety glasses with side shields.

**OTHER PROTECTIVE EQUIPMENT:** Provide eyewash. Provide coveralls if body contact may occur.

**HYGIENIC PRACTICES:** Remove and wash contaminated clothing before re-use.
9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>White to Off-White</td>
</tr>
<tr>
<td>Odor:</td>
<td>Little or No</td>
</tr>
<tr>
<td>Density, g/cm³:</td>
<td>2.89 - 2.91</td>
</tr>
<tr>
<td>Freeze Point, °C:</td>
<td>Not Established</td>
</tr>
<tr>
<td>Solubility In Water:</td>
<td>Not Established</td>
</tr>
<tr>
<td>Decomposition Temperature, °C:</td>
<td>Not Established</td>
</tr>
<tr>
<td>Boiling Range, °C:</td>
<td>N.I. - N.I.</td>
</tr>
<tr>
<td>Minimum Flash Point, °C:</td>
<td>No Information</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Combustibility:</td>
<td>Does not support combustion</td>
</tr>
<tr>
<td>Physical State:</td>
<td>Powder</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>Not Established</td>
</tr>
<tr>
<td>pH:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Viscosity (mPa.s):</td>
<td>Not Established</td>
</tr>
<tr>
<td>Partition Coeff., n-octanol/water:</td>
<td>Not Established</td>
</tr>
<tr>
<td>Explosive Limits, %:</td>
<td>N.I. - N.I.</td>
</tr>
<tr>
<td>Auto-Ignition Temperature, °C:</td>
<td>Not Established</td>
</tr>
<tr>
<td>Vapor Pressure, mmHg:</td>
<td>No Information</td>
</tr>
<tr>
<td>Flash Method:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flammability:</td>
<td>No Information</td>
</tr>
</tbody>
</table>

(See "Other information" Section for abbreviation legend)  
(If product is an aerosol, the flash point stated above is that of the propellant.)

10. Stability and Reactivity

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Do not breathe dust. Avoid dust formation in confined areas. Excessive heat and freezing.

INCOMPATIBILITY: Incompatible with strong bases and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Above 1450 degree C: SO2 and CaO.

11. Toxicological Information

EFFECT OF OVEREXPOSURE - INHALATION: Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes). Prolonged, repeated, or high exposures may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

EFFECT OF OVEREXPOSURE - SKIN CONTACT: May cause dry skin. May cause skin irritation. May cause skin irritation in susceptible persons. May develop enough heat to cause burns if a large mass such as a cast of hand or arm, is kept in contact with skin while hardening.

EFFECT OF OVEREXPOSURE - EYE CONTACT: May cause eye irritation. Signs and symptoms may include: pain, tears, swelling, redness and blurred vision. May cause eye irritation.

EFFECT OF OVEREXPOSURE - INGESTION: Under normal use conditions, this product is not expected to cause adverse health effects. Single dose oral toxicity is very low. Amounts ingested incidental to industrial handling are not likely to cause injury; however, ingestion of large amounts may cause injury. Ingestion may cause irritation to mucous membranes. Ingestion may result in obstruction when material hardens.

CARCINOGENICITY: No Information

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS: Contains Crystalline Silica which has been determined to be carcinogenic to humans (1) by IARC when in respirable form. Risk of cancer depends upon duration and level of inhalation exposure to dust from sanding the dried paint or spray mist. The International Agency for Research on Cancer (IARC) has determined that crystalline silica in the form of quartz or cristobalite that is inhaled from occupational sources is carcinogenic to humans (Group 1- carcinogenic to humans). Refer to IARC Monograph 68, Silica, Some Silicates and Organic Fibres (published in June 1997) in conjunction with the use of these materials. The National Toxicology Program (NTP) classifies respirable crystalline silica as "known to be a human carcinogen". Refer to the 9th Report on Carcinogens (2000). The American Conference of Governmental Industrial Hygienists (ACGIH) classifies crystalline silica, quartz, as a suspected human carcinogen (Group A2). Breathing dust containing respirable crystalline silica may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may have the following serious chronic health effects: Excessive inhalation of respirable dust can cause pneumoconiosis, a respiratory disease, which can result in delayed, progressive, disabling and sometimes fatal lung injury. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. Smoking exacerbates this disease. Individuals with pneumoconiosis are predisposed to develop tuberculosis. There is some evidence that breathing respirable crystalline silica or the disease silicosis is associated with an increased incidence of significant disease endpoints such as
scleroderma (an immune system disorder manifested by fibrosis of the lungs, skin and other internal organs) and kidney disease. Prolonged or repeated inhalation of dust may cause lung damage.

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Contact

**Acute Toxicity Values**

The acute effects of this product have not been tested. Data on individual components are tabulated below

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical Name</th>
<th>Oral LD&lt;sub&gt;50&lt;/sub&gt;</th>
<th>Dermal LD&lt;sub&gt;50&lt;/sub&gt;</th>
<th>Vapor LC&lt;sub&gt;50&lt;/sub&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>26499-65-0</td>
<td>Plaster of paris</td>
<td>&gt;2000 mg/kg Rat</td>
<td>N.I.</td>
<td>&gt;20 mg/L</td>
</tr>
<tr>
<td>1317-65-3</td>
<td>Limestone</td>
<td>6450 mg/kg Rat</td>
<td>&gt;2000 mg/kg</td>
<td>&gt;20 mg/L</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz</td>
<td>500 mg/kg Rat</td>
<td>&gt;2000 mg/kg</td>
<td>&gt;20 mg/L</td>
</tr>
</tbody>
</table>

N.I. = No Information

**12. Ecological Information**

**ECOLOGICAL INFORMATION:** Ecological injuries are not known or expected under normal use.

**13. Disposal Information**

**DISPOSAL INFORMATION:** This product does not meet the definition of a hazardous waste according to U.S. EPA Hazardous Waste Management Regulation, 40 CFR Section 261. Dispose as hazardous waste according to all local, state, federal and provincial regulations. State and Local regulations/restrictions are complex and may differ from Federal regulations. Responsibility for proper waste disposal is with the owner of the waste.

**14. Transport Information**

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

<table>
<thead>
<tr>
<th>DOT UN/NA Number:</th>
<th>N.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Proper Shipping Name:</td>
<td>Not Regulated.</td>
</tr>
<tr>
<td>DOT Technical Name:</td>
<td>N.A.</td>
</tr>
<tr>
<td>DOT Hazard Class:</td>
<td>N.A.</td>
</tr>
<tr>
<td>Hazard SubClass:</td>
<td>N.A.</td>
</tr>
<tr>
<td>Packing Group:</td>
<td>N.A.</td>
</tr>
</tbody>
</table>

**15. Regulatory Information**

**U.S. Federal Regulations:**

**CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA ‘Hazard Categories’ promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard, Chronic Health Hazard

**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

**TOXIC SUBSTANCES CONTROL ACT:**

All ingredients in this product are either on TSCA inventory list, or otherwise exempt. This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:
No TSCA 12(b) components exist in this product.

**CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS**

**CALIFORNIA PROPOSITION 65:** No Information

**International Regulations: As follows -**

**CANADIAN WHMIS:**

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**WHMIS Class**

Consumer Commodity

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**16. Other Information**

**Revision Date:** 6/19/2015

**Supersedes Date:** New MSDS

**Reason for revision:** HazCom2012/GHS Conversion

**Datasheet produced by:** Regulatory Department

**WHMIS Ratings:**

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

**VOC Less Water Less Exempt Solvent, g/L:** 0.0

**VOC Material, g/L:** 0

**VOC as Defined by California Consumer Product Regulation, Wt/Wt%:** 0.0

**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

H270  May cause or intensify fire; oxidiser.
H302  Harmful if swallowed.

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

- GHS03
- GHS07

**Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

DAP believes the data and statements contained herein are accurate as of the date hereof. They are offered in good faith as typical values and not as a product specification. NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE WITH REGARD TO THE INFORMATION HEREIN PROVIDED OR THE PRODUCT TO WHICH THE INFORMATION REFERS. Since this document is intended only as a guide to the appropriate use and precautionary handling of the referenced product by a properly trained person, it is therefore the responsibility of the user to (i) review the recommendations with due consideration for the specific context of the intended use and (ii) determine if they are appropriate.
Sakrete Sands & Gravel
Safety Data Sheet
Date of issue: 09/26/2016       Revision date: 01/31/2018       Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product name : Sakrete Sands & Gravel
Product code : Not available

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use : Various

1.3. Details of the supplier of the safety data sheet
Sakrete of North America
625 Griffith Rd., Ste 100
Charlotte, NC 28217
T 866-725-7383

1.4. Emergency telephone number
Emergency number : For Hazardous Materials [or Dangerous Goods] Incident
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
1-800-424-9300 [USA] / +1 703-527-3887 [CAN]

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
GHS-US classification
Carc. 1A
STOT RE 1

2.2. Label elements
GHS-US labeling
Hazard pictograms (GHS-US) : 

Signal word (GHS-US) : Danger
Hazard statements (GHS-US) : May cause cancer. Causes damage to organs through prolonged or repeated exposure.
Precautionary statements (GHS-US) : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/tume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. If exposed or concerned: Get medical advice/attention. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards
No additional information available.

2.4. Unknown acute toxicity (GHS US)
Not applicable.

SECTION 3: Composition/Information on ingredients

3.1. Substances
Not applicable.

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz</td>
<td>(CAS No) 14808-60-7</td>
<td>60 - 100</td>
</tr>
</tbody>
</table>

* The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.
SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact: In case of contact, immediately flush skin with plenty of water. Wash clothing before reuse. Call a physician if irritation develops and persists.

First-aid measures after eye contact: In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

First-aid measures after ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: May cause respiratory tract irritation.

Symptoms/injuries after skin contact: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/injuries after eye contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/injuries after ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Treat for surrounding material.

Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard: Products of combustion may include, and are not limited to: oxides of carbon.

5.3. Advice for firefighters

Protection during firefighting: Keep upwind of fire. Wear full fire fighting turnout gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2. Methods and material for containment and cleaning up

For containment: Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up: Vacuum or sweep material and place in a disposal container.

6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Avoid contact with skin and eyes. Do not breathe dust. Do not swallow. Handle and open container with care. Avoid dust formation. Good housekeeping is important to prevent accumulation of dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. When using do not eat, drink or smoke.

Hygiene measures: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep out of the reach of children. Keep container tightly closed. Avoid any dust build-up by frequent cleaning and suitable construction of the storage area. Do not store in an area equipped with emergency water sprinklers.

7.3. Specific end use(s)

Not available.
SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>ACGIH TWA (mg/m³)</th>
<th>OSHA PEL (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (14808-60-7)</td>
<td>0.025 mg/m³ (respirable fraction)</td>
<td>(30)/(%SiO₂ + 2) mg/m³ TWA (total dust)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(250)/(%SiO₂ + 5) mppcf TWA (respirable fraction)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(10)/(%SiO₂ + 2) mg/m³ TWA (respirable fraction)</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Hand protection: Wear suitable waterproof gloves.

Eye protection: Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).

Skin and body protection: Wear suitable waterproof protective clothing.

Respiratory protection: A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

Environmental exposure controls: Maintain levels below Community environmental protection thresholds.

Other information: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Solid

Appearance: Granular powder

Color: No data available

Odor: No data available

Odor threshold: No data available

pH: No data available

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: No data available

Relative evaporation rate (butyl acetate=1): No data available

Flammability (solid, gas): Not flammable

Explosion limits: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Vapor pressure: No data available

Relative density: No data available

Relative vapor density at 20 °C: No data available

Solubility: No data available

Partition coefficient n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

9.2. Other information

No additional information available.
### SECTION 10: Stability and reactivity

10.1. **Reactivity**

No dangerous reaction known under conditions of normal use.

10.2. **Chemical stability**

Stable under normal storage conditions. Keep dry in storage.

10.3. **Possibility of hazardous reactions**

No dangerous reaction known under conditions of normal use.

10.4. **Conditions to avoid**

Heat. Incompatible materials.

10.5. **Incompatible materials**

Moisture. Wet cement is alkaline and incompatible with acid, ammonium salts and aluminum metal.

10.6. **Hazardous decomposition products**

May include, and are not limited to: oxides of carbon.

### SECTION 11: Toxicological information

11.1. **Information on toxicological effects**

**Acute toxicity**

<table>
<thead>
<tr>
<th>Sakrete Sands &amp; Gravel</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>No data available</td>
</tr>
<tr>
<td>LD50 dermal rat</td>
<td>No data available</td>
</tr>
<tr>
<td>LC50 inhalation rat</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**: Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**: Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization**: Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**: Based on available data, the classification criteria are not met.

**Carcinogenicity**: May cause cancer.

**Quartz (14808-60-7)**

<table>
<thead>
<tr>
<th>IARC group</th>
<th>1 - Carcinogenic to humans</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Toxicology Program (NTP) Status</td>
<td>2 - Known Human Carcinogens</td>
</tr>
</tbody>
</table>

**Reproductive toxicity**: Based on available data, the classification criteria are not met.

**STOT-single exposure**: Causes damage to organs through prolonged or repeated exposure. Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.

**Aspiration hazard**: Based on available data, the classification criteria are not met.

**Symptoms/injuries after inhalation**: May cause respiratory tract irritation.

**Symptoms/injuries after skin contact**: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

**Symptoms/injuries after eye contact**: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

**Symptoms/injuries after ingestion**: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

### SECTION 12: Ecological information

12.1. **Toxicity**

**Ecology - general**: No ecological consideration when used according to directions. Normal dilution of this product to drains, sewers, septic systems and treatment plants is not considered environmentally harmful.

12.2. **Persistence and degradability**

<table>
<thead>
<tr>
<th>Sakrete Sands &amp; Gravel</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Not established</td>
</tr>
</tbody>
</table>
**Sakrete Sands & Gravel**

Safety Data Sheet


### 12.3. Bioaccumulative potential

| Sakrete Sands & Gravel | Bioaccumulative potential: Not established. |

### 12.4. Mobility in soil

No additional information available.

### 12.5. Other adverse effects

Effect on global warming: No known effects from this product.

### SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

### SECTION 14: Transport information

**Department of Transportation (DOT)**

In accordance with DOT

Not regulated for transport

**Additional information**

Other information: No supplementary information available.

Special transport precautions: Do not handle until all safety precautions have been read and understood.

### SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.3. US State regulations

<table>
<thead>
<tr>
<th>Sakrete Sands &amp; Gravel</th>
</tr>
</thead>
<tbody>
<tr>
<td>State or local regulations: This product contains Crystalline Silica, Quartz and may also contain trace amounts of other chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.</td>
</tr>
</tbody>
</table>

### SECTION 16: Other information

<table>
<thead>
<tr>
<th>Date of issue: 09/26/2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision date: 01/31/2018</td>
</tr>
<tr>
<td>Other information: None.</td>
</tr>
</tbody>
</table>

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