

2010

Material Safety Data Sheet



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Product Identification

All Corn Cob Products Incl. Fractions, Flour, Granules, Bedding and Other Products

Product Description

Dry Absorbent, Carrier, Abrasive and Other Industrial Applications

I. Ingredients/ Identity Information

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| <u>Ingredients:</u> | Ground Corncob |
| <u>Hazardous Classification:</u> | DOT: 53910 |
| <u>Hazardous Components:</u> | None |
| <u>EPA Inventory:</u> | N/A (Agricultural Product) |
| <u>Chemical Family:</u> | N/A (Natural Material) |
| <u>OSHA:</u> | N/A (Respirable Dust) |

II. Physical Characteristics

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| <u>Physical Description:</u> | Free Flowing, Dry Material |
| <u>Appearance:</u> | Varies; Light Red-Tan |
| <u>Odor:</u> | Varies; Odorless - Cob Odor |
| <u>pH (Full Strength):</u> | 4.5 (Slurred in Water) |
| <u>Boiling Point:</u> | N/A |
| <u>Vapor Pressure (mm Hg):</u> | Near 0.0 at 20°C |
| <u>Specific Gravity (H₂O = 1.0):</u> | 1.1 |
| <u>Percent Volatile by Vol. (%):</u> | 6% Moisture |

III. Reactivity Data

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| <u>Stability:</u> | Stable |
| <u>Incompatibility:</u> | Avoid strong oxidizing agents |

IV. Fire & Explosive Hazard Data

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| <u>Flash Point (° F):</u> | 350°F (Open Cup) |
| <u>Flammability Limits:</u> | N/A UEL: N/A LEL: .045 oz for 207 dust |
| <u>Extinguishing Media:</u> | Use media appropriate for surrounding fire conditions. If material is unaltered, then water, CO ₂ , or a dry chemical is usually sufficient. If material has been altered, consult MSDS(s) of product(s) used to alter material. |
| <u>Special Fire Fighting Procedures:</u> | None required if material is unaltered. If material has been altered, consult MSDS(s) of product(s) used to alter material. |
| <u>Unusual Fire and Explosion Hazards:</u> | In unused state material is combustible similar to sawdust. If material is used to collect flammable liquid(s), consult MSDS(s) of the flammable liquid(s) collected. |



VI. Health Hazard Data

Route(s) of Entry: Inhalation, Ingestion

Health Hazards: None.

Sign(s) & Symptom(s) of Exposure: Innocuous dust; overexposure may cause coughing, sneezing, mechanical irritation to eyes, nose, skin, throat, respiratory tract.

Medical Condition(s) Aggravated by Exposure: Pre-existing eye, skin, respiratory tract disorders.

Emergency & First Aid Procedures:

Eyes: Flush with copious amounts of water.

Skin: Wash with soap and water.

Inhalation: Remove to fresh air.

Ingestion: None ordinarily required.

VII. Precautions for Handling & Storing

If Material is Released/Spilled: Sweep or Vacuum

Waste Disposal Method: If material is unaltered, then no special disposal procedure necessary.

If product has been altered, dispose in compliance with MSDS(s) of the product(s) used to alter the material.

Precautions to be taken in Handling & Storing: Keep material dry and handle it as a combustible.

Other Precautions: If material is unaltered, then no other precautions are necessary.
If product has been altered, consult MSDS(s) of the product(s) used to alter the material.

VIII. Control Measures

Respiratory Protection: In an enclosed environment use of a dust mask and/or goggles may be used to increase personal comfort.

Ventilation: As required to control dust concentration in the air.

Protective Gloves: Not necessary with unaltered material.

Eye Protection: Safety glasses/goggles.

Other Protection Clothing/Equipment: Not Necessary.

Work/Hygienic Practices: Normal good handling procedures

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