

# **Material Safety Data Sheet**

## **EnviroSorb Absorbent**

### **Physical and Chemical Properties:**

<u>Chemical Family:</u>	Cellulose Fibrous Natural Plant Matter
<u>Form:</u>	Loosely packed lignocellulosic fibrous chips of coarsely ground cellulose
<u>Appearance:</u>	Creamy white to light tan coloring
<u>Specific Gravity:</u>	1.29 g/cc (natural form)
<u>Bulk Density:</u>	about 7 pounds/cubic foot based on degree of compacting and particle size
<u>Boiling Point:</u>	not applicable (dry cellulose fibers)
<u>Melting Point:</u>	not applicable (dry cellulose fibers)
<u>Solubility in Water:</u>	negligible, will float in water
<u>Volatiles:</u>	not applicable
<u>Evaporation Rate:</u>	not applicable (dry cellulose fibers)
<u>Vapor Pressure:</u>	not applicable
<u>pH (1%):</u>	5.92 (7.0 neutral)
<u>Stability:</u>	Product is heat sensitive above 500° (normal process temp <370°F)
<u>Viscosity:</u>	not applicable (dry cellulose fibers)

### **Fire/Explosion Data:**

<u>Max Temperature:</u>	500°F (260°C)
<u>Burning:</u>	Visual smoke and some heat. Burning fibers produce CO <sub>2</sub> and CO gases
<u>Ash Content:</u>	<1% by weight
<u>Extinguishing Agents:</u>	Water, dry chemicals, CO <sub>2</sub> , foam, earth/sand.

### **Health Hazard Data:**

<u>Toxicity:</u>	None known to human or animals, natural cellulose natural fiber
<u>Inhalation:</u>	Avoid direct facial contact with dust. In any in inhaled, remove to fresh air. If breathing difficulty persist, call physician.
<u>Skin:</u>	Avoid contact with sensitive areas with pre-existing conditions. Possible mild irritation and itching might occur – wash skin with soap and warm water. Protective clothing not required.
<u>Ingestion:</u>	Avoid ingesting. Use appropriate breathing device if long term exposure persist. Maintain well ventilated work areas. Ingestion can cause slight throat irritation and lung congestion.
<u>Eyes:</u>	Wear appropriate safety goggles or avoid direct contact...flush eyes with warm water if irritation is present.

### **Protection Information:**

<u>Respiratory Protection:</u>	A paper filter breathing device is adequate to block dust inhalation. Change filters as required.
<u>Ventilation:</u>	Use in well ventilated area. Make sure all processing equipment ventilation systems are functioning. If heavy dusting persists, leave area and contact supervisor.
<u>Eye:</u>	Wear regulation safety glasses at all times.

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**Storage:**

Store in a dry area. Maximum storage temperature should not exceed 130°F. Use safety shielded lighting system. DO NOT SMOKE IN PRODUCT STORAGE (OR PROCESSING) AREA. DO NOT EXPOSE PRODUCT TO OPEN IGNITION SOURCES.

**General Information:** EnviroSorb is a natural, organic cellulose mechanically processed from Kenaf, an annual crop that is grown and harvested without applying chemicals. It can be safely used in manufacturing operations using basic common sense.

**Hazard Components:** This product is not considered hazardous as per CFR 1910.120. All ingredients for this product are in the TSCA inventory list.

**Spill or Leak Procedures:** Sweep up with water to avoid dusting and place in suitable container. Follow applicable Federal and State regulations.

**Storage and Transportation:** Store away from oxidizers or materials bearing yellow "DOT" label.

**Hazard Class:** Not regulated.

**DOT Shipping Name:** DOT not regulated

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