

## Material Safety Data Sheet – MSDS

**Product Name:** CLEAN®  
**Revision Date:** 1/26/2012

### 1. Product Identification

<b>Product</b>	Cellulose Insulation
<b>Trade Name</b>	CLEAN
<b>CAS#</b>	9004-34-6
<b>ACGIH TLV</b>	5 mg/m <sup>3</sup> (respirable)
<b>OSHA PEL</b>	15 mg/m <sup>3</sup> total dust (PNOR)/5mg/m <sup>3</sup> respirable fraction (PNOR)
<b>HMIS Rating:</b>	Flammability 1 Personal Protection E Health 1 Reactivity 0
<b>Filler</b>	Boric Acid
<b>CAS#</b>	10043-35-3
<b>Filler</b>	Ammonium Sulfate
<b>CAS#</b>	7783-20-2
<b>ACGIH TLV</b>	5 mg/m <sup>3</sup> (respirable)

### 2. Hazardous Ingredients

Cellulosic based Fibers are considered a Nuisance Dust and should be controlled as described in Section VIII herein. Not listed as carcinogen or potential; no National Toxicology Program, IARC or OSHA involvement currently recorded.

### 3. Physical Properties

<b>Boiling Point (F)</b>	Not Applicable
<b>Vapor Pressure (mm Hg)</b>	Not Applicable
<b>Vapor Density</b>	Not Applicable
<b>Solubility in Water</b>	Insoluble, Dispersible
<b>Bulk Density</b>	2-3 lb/ft <sup>3</sup>
<b>Reactivity in Water</b>	Dispersible
<b>Melting Point</b>	Not Applicable
<b>Appearance &amp; Odor</b>	Course material, gray in color. No discernible odor.

### 4. Fire & Explosion Data

<b>Flash Point</b>	>550F
<b>Flammability Limits:</b>	
<b>LEL</b>	Not Applicable
<b>UEL</b>	Not Applicable
<b>Extinguishing Media</b>	Water
<b>Special Fire Fighting Procedures</b>	None
<b>Unusual Fire &amp; Explosion Hazards</b>	None

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### 5. Reactivity

<b>Stability</b>	Stable
<b>Conditions to Avoid</b>	Avoid extreme heat & flame
<b>Hazardous Decomposition</b>	May produce carbon monoxide & carbon dioxide
<b>Hazardous Polymerization</b>	Will not occur

### 6. Health Hazards

#### Material is Primarily a Nuisance Dust Overexposure

May cause irritation to eye & respiratory system. Persons with respiratory problems should avoid breathing dust.

#### Inhalation

Can cause irritation to mucous membrane & upper respiratory system. Remove to fresh air.

#### Ingestion

May cause vomiting or diarrhea.

#### Eyes

In case of eye contact flush with copious amount of water

#### Skin

In case of broken skin, wear gloves. Wash dust with soap & water.

### 7. Special Precautions Spill/Leak Procedures

#### Spill

Sweep up excess material

#### Disposal

In accordance with Federal, State & local refuse regulations

### 8. Special Protection Control Measures

#### Respiratory Protection

Use NIOSH approved respiratory masks

#### Eye Protection

Use goggles or eye glasses

#### Hand Protection

If sensitive, wear gloves

#### Other Protective Clothing

None

#### Ventilation

Normal & ventilation

#### Work/Hygiene

Practices standard hygiene

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