

## MATERIAL SAFETY DATA SHEET

### SECTION I

**Product Name:** White Starch **CAS No.:** 9005-25-8  
**Chemical Name:** Modified polysaccharide  
**Manufacturer:** Chemstar Products Company **Emergency Phone:** 800-328-5037  
3915 Hiawatha Ave. So.  
Minneapolis, Minnesota 55406 USA **Date Prepared:** 1/18/2006

### SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>% by Weight</u>	<u>CAS No.</u>
None	NR	NR

### SECTION III - PHYSICAL DATA

**Physical State:** Solid **Solubility:** Appreciable **pH (4% Sol):** 5.0 - 8.0  
**Density (Lb./Cu. Ft)** 30-50 **Appearance and Odor** Coarse white powder.

### SECTION IV - FIRE AND EXPLOSION DATA

**Flammable Limits:** LEL UEL  
NA NA  
**Flashpoint (Method Used):** NA **Extinguishing Media:** Water, CO<sub>2</sub>, Dry Powder or Foam

**Special Fire Fighting Procedures:** None

#### Unusual Fire and Explosion Hazards:

Dust-air mixtures may be explosive. The minimum ignition temperature reported, through a 200 mesh sieve, is 380 degrees C (716 degrees F.) . The minimum explosive concentration of a dust cloud is 0.04 oz./cu. ft. Avoid open lights, flames, welding and spark producing sources.

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### SECTION V - HEALTH HAZARD DATA

**Routes(s) of Entry:** **Inhalation**      May cause irritation to respiratory system.  
**Skin -**                                      None known.  
**Ingestion -**                                Not edible.

**Health Hazards (Acute or Chronic):**

This material is not manufactured to contain any hazardous components. In eyes or respiratory systems it may cause irritation if heavy concentrations are encountered.

**Emergency and First Aid Procedures:**

If inhaled, remove to fresh air. Wash skin with soap and water. Flush eyes with water for 15 minutes, seek medical attention. If accidentally swallowed, dilute by drinking large quantities of water, seek medical attention.

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### SECTION VI - REACTIVITY DATA

**Stability:** Stable                            **Conditions to Avoid:** Damp or wet conditions will lead to spoilage.  
**Incompatibility (Materials to Avoid):** Strong oxidizing agents.  
**Hazardous Decomposition Products:** Oxides of carbon.  
**Hazardous Polymerization:** Will not occur.

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### SECTION VII - SPILL OR LEAK PROCEDURE

**Steps To Be Taken in Case Material is Released or Spilled:**

Sweep up and flush area with water. Caution: Wet floors may be slippery when material is present. Avoid production of Dust (Refer to Section IV).

**Waste Disposal Method:**

Dispose of in a manner which is in accordance with state and local regulations.

**Precautions to be Taken in Handling and Storage:**

Avoid practices which produce dust. Store away from heat, flame and spark source (Refer to Section IV).

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### SECTION VIII - SPECIAL PROTECTION

**Respiratory Protection:** Dust Respirator (NIOSH/MSHA TC-21C-132) as needed.

**Ventilation:** As needed to control dust.

**Protective Gloves:** Recommended.

**Eye Protection:** Recommended.

**Other Protective Clothing or Equipment:** None

**Work/Hygienic Practices:** Avoid creation of dust. (refer to Sections IV and VII)