

# MATERIAL SAFETY DATA SHEET

## I. MANUFACTURER / PRODUCT IDENTIFICATION

### Product Identification

Product Name: CLEARTEX Laundry Starch  
CAS Number: Pure Substance  
Empirical Formula:  $(C_6H_{10}O_5)_n$  Carbohydrate

### Company Information

Allied Blending & Ingredients  
121 Royal Road  
Keokuk, Iowa 52632  
1-319-524-4080

Date Prepared: 07/17/06  
Supercedes Date: 09/21/04

### **NFPA Hazard Code:**

Health - 0, Flammability -1, Reactivity - 0

## II. HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
NO REPORTABLE HAZARDOUS MATERIALS		

### **EXPOSURE GUIDELINES:**

No Information Available

## III. PHYSICAL DATA / CHEMICAL CHARACTERISTICS

FORM.....: Powder  
COLOR.....: White  
ODOR.....: Starch  
SOLUBILITY IN WATER...: Soluble  
SPECIFIC GRAVITY.....: 1.5 (H<sub>2</sub>O = 1)

## IV. FIRE AND EXPLOSION HAZARD DATA

### **FLAMMABLE PROPERTIES**

Flash Point: 360 - 570°C

### **FLAMMABLE LIMITS IN AIR**

LEL: N/A

UEL: N/A

(section IV. continued)

**EXTINGUISHING MEDIA:**

Water, CO<sub>2</sub>, or dry chemical fire extinguisher.

**SPECIAL FIRE FIGHTING PROCEDURES:**

Avoid creating dust that could cause secondary explosion.

**UNUSAL FIRE AND EXPLOSION HAZARDS:**

Starch dusts at sufficient concentrations can form explosive mixtures with air.

## V. REACTIVITY DATA

**STABILITY:**

Stable

**CONDITIONS TO AVOID:**

Excessive dust concentrations.

**INCOMPATIBILITY (MATERIALS TO AVOID):**

None

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:**

None

**HAZARDOUS POLYMERIZATION:**

Will not occur.

## VI. HEALTH HAZARD DATA

**INHALATION RISKS AND SYMPTOMS OF EXPOSURE:**

Not toxic according to Federal Hazardous Substance and Labeling Definition Act, however, this product may produce a nuisance dust and should be maintained below a time weighted average of 10 mg/m<sup>3</sup>.

**SKIN / EYE CONTACT RISKS AND SYMPTOMS OF EXPOSURE:**

Dust may be irritating to eyes.

**SKIN ABSORPTION RISKS AND SYMPTOMS OF EXPOSURE:**

Not an irritant and not toxic.

**INGESTION RISKS AND SYMPTOMS OF EXPOSURE:**

Not toxic according to Federal Hazardous Substance and Labeling Definition Act.

**HEALTH HAZARDS (ACUTE AND CHRONIC) :**

Not a skin or respiratory irritant, nor toxic by ingestion according to Federal Hazardous Substance and Labeling Act Regulations.

**CARCINOGENICITY INFORMATION:**

Not listed by IARC or NTP as a carcinogen.

(section VI. continued)

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

None known.

**EYE CONTACT FIRST AID:**

Flush eye with water or eye solution for 15 minutes.

**SKIN CONTACT FIRST AID:**

Wash with soap and water.

**INHALATION FIRST AID:**

Remove to fresh air.

## VII. PRECAUTIONS FOR SAFE HANDLING AND USE

**ACTIONS IF MATERIAL IS RELEASED OR SPILLED:**

Sweep up with explosion-proof vacuum cleaner. Avoid causing dust in air.

**WASTE DISPOSAL METHOD:**

May be disposed of in an approved land disposal facility in accordance with federal, state, and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Store away from heat sources. Do not create excessive dust. Best storage is realized at dry, cool conditions. Store in an odor-free area.

**OTHER PRECAUTIONS:**

Enforce "No Smoking Rules". Excessive concentrations of nuisance dusts in workroom air may seriously reduce visibility.

## VIII. CONTROL MEASURES

**RESPIRATORY PROTECTION:**

Dust respirator may be desirable.

**VENTILATION:**

Explosion proof desirable when dumping product (local and mechanical).

**PROTECTIVE GLOVES:**

Not required.

**EYE PROTECTION:**

Goggles desirable when dumping product.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

None required.

**WORK / HYGENIC PRACTICES:**

Observe reasonable care, cleanliness, and caution.

**IX. REGULATORY INFORMATION**

**TOXIC SUBSTANCES CONTROL ACT (TSCA):**

All components of this product are on the EPA's TSCA Inventory or are exempt from TSCA Inventory requirements.

**SARA/TITLE III:**

Contains no substances at or above the reporting threshold under Section 313.

**CANADIAN DOMESTIC SUBSTANCES LIST (DSL):**

Included in Inventory

**X. DISCLAIMER**

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The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

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**END OF MSDS**

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