



# AGRI-EMPRESA, LLC

Manufacturer•Packager•Distributor

## SAFETY DATA SHEET

**WHITE STARCH**

REV. DATE: 06-25--2014 REV 1

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

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**Company Identification:**

Agri Empresa LLC  
6001 W. Industrial Ave  
Midland, TX 79706

**24 Hour Emergency Telephone:** Call Chemtrec 1-703-527-3887

**To Request and SDS:** 1-432-694-1994

**Customer Service:** 1-432-694-1994

**Product Name:** White Starch

**Chemical Name:** Modified polysaccharide.

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### 2. HAZARD IDENTIFICATION

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**Physical State:** Solid(Powder).

**Color:** White.

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

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

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## 2. HAZARD IDENTIFICATION (cont.)

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Warning

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

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## 4. FIRST AID MEASURES

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**First Aid-Eyes:** If necessary, rinse eyes with water for 15 minutes. Seek medical attention.

**First Aid-Skin:** Wash with soap and water.

**First Aid-Ingestion:** If accidentally swallowed dilute by drinking large quantities of water, seek medical attention.

**First Aid-Inhalation:** Remove from exposure to fresh air.

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## 5. FIRE FIGHTING MEASURES

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**Flammable Limits:** LEL NA UEL NA

**Flashpoint:** NA

**Extinguishing Media:** Water, CO2, Dry Powder or Foam

**Special Fire Fighting Procedure :** 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 Celsius (716 Degrees Fahrenheit).

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## 6. ACCIDENTAL RELEASE MEASURES

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**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.

**Waste Disposal Methods:**

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

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## 7. HANDLING AND STORAGE

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

Avoid practices which produce dust. Store away from heat, flame, and spark source.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**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 and Equipment:** None.

**Work/Hygienic Practices:** Avoid creation of dust.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Physical State:** Solid (Powder.)

**Color:** White

**pH:** 5.0 – 8.0

**Specific Gravity:** Not determined

**Density:** 30-50 (Lb./Cu. ft)

**Boiling Point(F):**

**Boiling Point(C):**

**Freezing Point(F):**

**Freezing Point(C):**

**Vapor Pressure(mmHg)**

**Vapor Density(Air-1):** Not Determined

<b>Percent Volatiles:</b>	Not Determined
<b>Evaporation Rate(Butyl Acetate=1):</b>	Not Determined
<b>Solubility in Water (g/100ml):</b>	Appreciable.
<b>Solubility in Solvents:</b>	Not Determined
<b>VOCs(lbs/gallon);</b>	Not Determined
<b>Viscosity,Dynamic(centipoise):</b>	Not Determined
<b>Viscosity, Kinematic(centistokes):</b>	Not Determined
<b>Partition Coefficient n-Octanol/Water:</b>	Not Determined
<b>Molecular Weight(g/mole);</b>	Not Determined
<b>MOHS Hardness:</b>	

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## 10. STABILITY AND REACTIVITY

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<b>Stability Data:</b>	Stable.
<b>Conditions to Avoid:</b>	Damp or wet conditions will lead to spoilage.
<b>Incompatibility:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition:</b>	Oxides of Carbon.
<b>Hazardous Polymerization:</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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**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.

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## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity**

**General Product Information**

No information available for this material.

**Component Analysis – Ecotoxicity – Aquatic Toxicity**

No information available for this material.

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## 13. DISPOSAL CONSIDERATIONS

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**US EPA Waste Number & Descriptions:**

**General Product Information**

None Identified.

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## 13. DISPOSAL CONSIDERATIONS (cont.)

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### Component Waste Numbers

No EPA Waste Numbers are available for this material's components.

### Disposal Instructions:

All wastes must be handled in accordance with local, state, and federal regulations. See Section 7 for Handling Precautions. See Section 8 for Personal Protective Equipment recommendations.

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## 14. TRANSPORT INFORMATION

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### US DOT Information

Shipping Name: Not regulated.

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## 15. REGULATORY INFORMATION

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### US Regulations

#### Component Analysis

None of this material's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4)

### State Regulations

#### Component Analysis State:

None of this material's components are listed on state lists from CA, MA, MN, NJ, PA, or RI.

#### Component Analysis

#### WHMIS IDL:

No components are listed in the WHMIS IDL

### Additional Regulatory Information:

None.

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## 16. OTHER INFORMATION

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### Key/Legend:

NA – Not applicable.

ND – Not determined

ACGIH – American Conference of Governmental Industrial Hygienists

OSHA – Occupational Safety and Health Administration.

TLV – Threshold Limit Value.

PEL – Permissible Exposure Limit

TWA – Time Weighted Average

STEL – Short Term Exposure Limit

NTP – National Toxicology Program

IARC – International Agency for Research on Cancer.

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## 16. OTHER INFORMATION (cont.)

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### DISCLAIMER STATEMENT:

This information is furnished without warranty, expressed or implied, as to accuracy or completeness. The information is obtained from various sources including the manufacturer and other third party sources. The information may not be valid under all conditions nor if the material is used in combination with other materials or in any process. Final determination of suitability of any material is the sole responsibility of the user.

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