

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

## U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)

Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

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### Section I

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Manufacturer's Name

Mississippi Blending Company

Emergency Telephone Number

800-758-4080

Address (Number, Street, City, State and ZIP Code)

121 Royal Road

Telephone Number for Information

800-758-4080

Keokuk, IA 52632

Date Prepared

July 23, 1999

Signature of Preparer (optional)

### Section II -- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended (optional)
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Chemical Name - STARCH	N/A	N/A	
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Chemical Family - Carbohydrate			
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### Section III -- Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	1.5 - 1.6
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water

- Partially soluble -

Appearance and Odor

Off white, odorless, granular.

### Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
360 - 370°C		70 mg/L	

Extinguishing Media

Water, usual dry chemical fire extinguisher.

Special Fire Fighting Procedures

Avoid creating dust that would cause secondary explosion.

Use fine water spray to wet down material.

Unusual Fire and Explosion Hazards

Explosive in specific dust concentrations - dust precaution required.

(Reproduce locally)

OSHA 174, Sept. 1983

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**Section V -- Reactivity Data**

Stability	Unstable		Conditions to Avoid Excessive dust concentrations.
	Stable	X	

Incompatibility (Materials to Avoid)

None.

Hazardous Decomposition or Byproducts

None.

Hazardous Polymerization	May Occur		Conditions to Avoid Excessive dust concentrations.
	Will Not Occur	X	

**Section VI -- Health Hazard Data**

Route(s) of Entry:	Inhalation?	Slight	Skin?	Slight	Ingestion?	Slight
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Health Hazards (Acute and Chronic)

None.

Carcinogenicity:	NIH?	N/A	IARC Monographs?	N/A	OSHA Regulated?	N/A
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Signs and Symptoms of Exposure

None.

Medical Conditions Generally Aggravated by Exposure

None.

Emergency and First Aid Procedures

For skin, wash with water.

For eyes, use any standard eye wash recommended by company physician.

**Section VII -- Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled

Replace in container, wash down with water, sweep or vacuum.

Waste Disposal Method

Landfill, standard sewage system.

Precautions to Be Taken in Handling and Storing

Bulk handling -- good housekeeping -- dust tight equipment -- proper venting -- non-combustible storage bins.

Other Precautions

Bag storage, properly stacked bags -- good housekeeping -- sprinkler system -- no smoking.

**Section VII -- Control Measures**

Respiratory Protection (Specify Type)

NIOSH approved dust mask as necessary.

Ventilation	Local Exhaust	Special
	In storage area to outside.	none
	Mechanical (General)	Other
	Spark - Free.	none

Protective Gloves

Not required.

Eye Protection

Dust-proof glasses.

Other Protective Clothing or Equipment

N/A

Work/Hygienic Practices

Normal