

Material Safety Data Sheet
Material Name: Corn Flour, Yellow, Pregelatinized

***** Section 1 - Chemical Product and Company Identification *****

Manufacturer Information

Bunge North America
11720 Borman Drive
St. Louis, MO 63146

Phone: 314-292-2000 between 7:30 AM – 5:30 PM Central Time
Fax: 314-292-2384

In the event of an Emergency, contact Chemtrec at 1-800-262-8200

***** Section 2 - Hazards Identification *****

Emergency Overview

No hazards identified under normal product use conditions. Sensitive individuals may experience respiratory, skin, and eye irritation.

Potential Health Effects: Eyes

May cause irritation to sensitive individuals.

Potential Health Effects: Skin

None expected under anticipated use conditions. May cause irritation to sensitive individuals.

Potential Health Effects: Ingestion

None expected under anticipated use conditions. May cause an allergenic response in sensitive individuals.

Potential Health Effects: Inhalation

Allergenic and hypersensitive persons may experience allergenic respiratory reactions from dust exposure.

HMIS III Ratings: Health: 0 Flammability: 1 Physical: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

***** Section 3 - Composition / Information on Ingredients *****

CAS #	Component
Not Available	Extruded degermed yellow corn ground to flour

***** Section 4 - First Aid Measures *****

First Aid: Eyes

If necessary, rinse eyes with water for 15 minutes. Remove contact lenses if applicable.

First Aid: Skin

Wash with soap and water

First Aid: Ingestion

None

First Aid: Inhalation

Remove to fresh air.

***** Section 5 - Fire Fighting Measures *****

General Fire Hazards

Dust explosions are possible

Hazardous Combustion Products

Not determined

Extinguishing Media

Foam, water fog or dry chemical. Do not use a direct stream if dust is formed. Dust dispersed by a direct stream in the presence of an ignition source could explode.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

NFPA Ratings: Health: 0 Flammability: 1 Reactivity: 0 Other: none

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Other Hazard Information: OXY=oxidizer; ACID=acid; ALK=Alkali; COR=corrosive; W=use no water; RAD=radiation haz.

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***** Section 6 - Accidental Release Measures *****

Containment Procedures

Clean-Up Procedures

Sweep or vacuum to clean up spills. Do not use any procedure which will cause dispersion of dust into the air if any possibility of ignition exists. Use non-conductive or static dissipating tools when potential static discharge is an issue. Dispose of in accordance to local, state and federal regulations.

Evacuation Procedures

Proceed to fresh air. Keep unnecessary personnel away.

Special Procedures

None

***** Section 7 - Handling and Storage *****

Handling Procedures

Avoid dust generation when handling product to minimize dust explosion potential.

Storage Procedures

Keep container tightly closed.

***** Section 8 - Exposure Controls / Personal Protection *****

A: Component Exposure Limits

ACGIH, OSHA and NIOSH have not developed exposure limits for any of this product's components.

Engineering Controls

Local or general ventilation may be necessary to control dust.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear safety glasses if eye contact is possible.

Personal Protective Equipment: Skin

Impervious gloves are recommended for repeated or prolonged contact. Wash hands after handling.

Personal Protective Equipment: Respiratory

Use NIOSH approved dust respirator if dust generated during material handling or use.

Personal Protective Equipment: General

Eye wash fountain recommended.

***** Section 9 - Physical & Chemical Properties *****

Appearance:	Pale to bright yellow flour	Odor:	Characteristic of cooked corn
Physical State:	Solid	pH:	ND
Vapor Pressure:	NA	Vapor Density:	NA
Boiling Point:	NA	Melting Point:	NA
Solubility (H2O):	Approx. 15% - 30%	Specific Gravity:	ND
Evaporation Rate:	NA	VOC:	ND
Octanol/H2O Coeff.:	NA	Flash Point:	>150° C
Flash Point Method:	NA	Upper Flammability Limit (UFL):	ND
Lower Flammability Limit (LFL):	ND	Burning Rate:	ND
Auto Ignition:	ND		

ND=Not Determined NA=Not Applicable

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***** Section 10 - Chemical Stability & Reactivity Information *****

Chemical Stability

This is a stable material

Chemical Stability: Conditions to Avoid

None

Incompatibility

None

Hazardous Decomposition

None

Possibility of Hazardous Reactions

Will not occur

***** Section 11 - Toxicological Information *****

Acute Dose Effects

A: General Product Information

No information is available for this material

B: Component Analysis - LD50/LC50

No information available for this material

Carcinogenicity

A: General Product Information

No information available for this material

B: Component Carcinogenicity

No information available for this material

***** Section 12 - Ecological Information *****

Ecotoxicity

A: General Product Information

No information available for this material

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No information available for this material

***** Section 13 - Disposal Considerations *****

US EPA Waste Number & Descriptions

A: General Product Information

None identified

B: 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.

***** Section 14 - Transportation Information *****

US DOT Information

Shipping Name: Not regulated

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***** Section 15 - Regulatory Information *****

US Federal 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

***** Section 16 - Other Information *****

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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