



MATERIAL SAFETY DATA SHEET

CORN STARCH

Revision Number : 00

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Section 1 - Chemical Product and Company Identification

Product identifier

Product Name : CORN STARCH
Synonyms : Starch
CAS No. : 9005-25-8
Chemical Formula : Not available
Product Use : Personal Care Formulations

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Section 2 - Composition, Information on Ingredients

Hazardous Components:

Nuisance Dust

(Total Dust): OSHA PEL: 15 mg/M3 ACGIH TLV : 10 mg/M3

(Respirable Fraction): OSHA PEL: 5 mg/M3 ACGIH TLV:

CAS #: 9005-25-8

Section 3 - Hazards Identification

Primary Route of Entry: Inhalation
Eye Contact: Dust may be irritating to eyes
Skin Contact: No hazard
Ingestion: No hazard
Inhalation: Dust may be irritating to nose, lungs and respiratory system

Section 4 - First Aid Measures

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin: Wash with soap and water
Ingestion: N/A
Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.
Medical Conditions Generally Aggravated by Exposure: None



Section 5 - Firefighting Measures

Flash Point (Method Used):	N/A
Flammable Limits	LEL: N/A UEL: N/A
Hazardous Combustion Products:	None
Extinguishing Media:	<ul style="list-style-type: none">• Dry Chemical• Carbon Dioxide• Water •
Special Firefighting Procedures:	<ul style="list-style-type: none">• Avoid procedures which could cause dust cloud formation
Unusual Fire & Explosion Hazards:	Product dust may form an explosive mixture with air. Avoid conditions which produce dust.

Section 6 - Accidental Release Measures

Personal Protection:	N/A
Environmental Protection:	N/A
Methods for Cleaning Up:	<ul style="list-style-type: none">• Vacuum up with explosion proof vacuum cleaner.• Wash area with soap and water. Area may be slippery; take precautions.

Section 7 - Handling and Storage

Handling	
Safe Handling:	<ul style="list-style-type: none">• Wear safety glasses.• Keep away excessive heat
Storage	
Requirements for Storage Areas and Containers:	Store in a cool, dry location, in a sealed container in a well ventilated area.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:	Provide mechanical exhaust when dumping bags
Personal Protection	
Eye:	Safety glasses should be worn.
Skin/Body:	Lab coats and gloves may be worn.
Respiratory:	Not needed under normal conditions of use. Use adequate ventilation or NIOSH-approved respiratory devices if dumping bags.
Ventilation:	Desirable when dumping bags Other: Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice:	Normal work and hygiene practices for handling nonhazardous powdered material.



Section 9 - Physical and Chemical Properties

Physical State:	Powder
Color:	Off white
Odor:	Characteristic, starch-like
Specific Gravity (H₂O = 1):	N/A
Vapor Pressure (mm Hg.):	N/A
Vapor Density (AIR = 1):	N/A
Flash Point:	° C
Boiling Point:	° C
Melting Point:	° C
Evaporation Rate:	N/A
Solubility in Water:	Negligible

Section 10 - Stability and Reactivity

Stability:	Stable
Conditions to Avoid:	Practices which produce dust
Incompatibility (Materials to Avoid):	Avoid strong oxidizers
Hazardous Decomposition or Byproducts:	Oxides of carbon
Hazardous Polymerization:	Will Not Occur

Section 11 - Toxicological Information

Signs and Symptoms of Exposure:	Dust may be irritating to eyes and nose
Toxicity Data:	Non Toxic

Medical Conditions Generally

Aggravated by Exposure:	None
Carcinogenicity:	No (NTP, IARC)
Reproductive Toxicity:	No
Teratogenicity:	No
Mutagenicity:	No

Section 12 - Ecological Information

Ecological Information:	No ecological hazards are associated with this product.
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Section 13 - Disposal Considerations

Waste Disposal Methods:	Do not put into sewer lines. Dispose of according to local, state and federal regulations.
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Section 14 - Transport Information

DOT Classification: Not regulated Class/Division: Not restricted

Section 15 - Regulatory Information

Federal and State Regulations:

Rhode Island RTK hazardous substances: Starch Pennsylvania RTK: Starch Minnesota: Starch Massachusetts RTK: Starch Tennessee: Starch TSCA 8(b) inventory: Starch

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):

This product is not classified according to the EU regulations. S24/25- Avoid contact with skin and eyes.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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