

MATERIAL SAFETY DATA SHEET

Corn Dextrin

Section I. - Chemical Product Information

Emergency tel. number: 1-800-424-9300 CHEMTREC

Chemical Name: Dextrin

Synonym: Yellow Dextrin, Corn Dextrin

CAS Number: 9004-53-9

Chemical Formula: (C₆H₁₀O₅)_n. xH₂O

HMIS Rating

Health	1
Flammability	1
Reactivity	0
Personal Protection	E

Section II. Composition and Information on Ingredients

Material	CAS#	%	OSHA	ACGIH
Dextrin	9004-53-9	100%	15 mg/m ³ total dust	10 mg/m ³

Section III. Hazards Identification

Accute Health Effects: Not harmful under most conditions

Chronic Health Effects: This product has no known chronic effects. Repeated or prolonged exposure to this compound is not known to aggravate medical conditions.

Accute Health Effects: This product is not listed by NTP, IARC or regulated as a Carcinogen by OSHA.

Section IV. First Aid Measures

First Aid For Eye: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

First Aid For Skin: In case of contact, flush skin with water. Wash clothing before reuse. Call a physician if irritation occurs.

First Aid For Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

First Aid For Ingestion: If swallowed, call a physician immediately.

Section V. Fire and Explosion Data

Flammability: Non-Flamable *Flash Points:* Not Applicable

Auto-Ignition: May occur above 400.C

Flammable Limits: Not Applicable

Extinguishing Media: Water, Foam, Carbon Dioxide

Fire Fighting Procedure: Good housekeeping best preventative. All dusts from grain products are potentially explosive.

Fire/Explosion Hazards: Avoid excessive dusting, open flames, open lights, or welding in area of dry product.

Section VI. Accidental Release Measures

Spill Or Leak Procedures: Utilize recommended protective clothing and equipment. Clean spills in a manner that does not disperse dust into the air. Spill area can be washed with water. Collect wash water for approved disposal. Keep from entering water or ground water

Section VII. Handling and Storage

Storage Temperatures: Store at ambient temperature

Shelf Life: Unlimited in tightly closed container.

Special Sensitivity: None

Handling/Storage Precautions: Avoid breathing dust. Avoid getting in eyes or on skin. Wash thoroughly after handling. Store in a dry place away from direct sunlight. heat and incompatible materials. Reseal containers immediately after use. Store away from food and beverages.

Section VIII. Exposure Controls/Personal Protection

Eye Protection: Safety glasses or goggles.

Skin Protection: PVC gloves with impervious boots, apron or coveralls. Employees should wash their hands and face before eating, drinking or using tobacco products.

Respirator: Work ambient concentrations should be monitored and if the recommended exposure limit is exceeded, a NIOSH/MSHA approved dust respirator must be worn.

Ventilation: Use local ventilation if dusting is a problem. to maintain air levels below the recommended exposure limit. *Additional Protective Measures:* Emergency showers and eye wash stations should be available. Educate and train employees in the safe use and handling of hazardous chemicals.

Section IX. Physical and Chemical Properties

Physical Form: Dry Powder

Color: Yellow

Odor: Odorless

Molecular Weight: {CeH100s)n. xH20 *Boiling Point:* Not Applicable *Melting/Freezing Point:* Not Applicable *Solubility In Water:* 90% Soluble *Specific Gravity:* 1.45

Section X. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will Not occur

Incompatibilities: Oxidizers

Instable Conditions: Excessive temperatures (see Incompatibilities). And Excessive Dusting
Decomposition Temperature: Auto Ignition could occur at temperature above 400.C
Decomposition products: Oxides of carbon

Section XI. Toxicological Information

RTECS Number: HH 9450000

Routes of Exposure: Eye contact. Ingestion. Inhalation. Skin contact.

Toxicity Data: Oral LD50: Not Established

Chronic Toxic Effects: This product has no known chronic effects. Repeated or prolonged exposure to this compound is not known to aggravate medical conditions.

Acute Toxic Effects: Not harmful under most conditions

Section XII. Ecological Information

Ecotoxicity: Not available at this time.

Section XIII. Disposal Considerations

Waste Disposal Method: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

Section XIV. Transportation Information

Proper Shipping Name: Dextrin, yellow

UN Number: N/A

Class: N/A

P.G.: N/A

Label Code: N/A

Section XV. Regulatory Information

OSHA Status: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Chemical Inventory: This compound is on the EPA Toxic Substance Control Act (TSCA) inventory List
California Proposition 65: To the best of our knowledge, this product contains no levels of listed substances, which the state of California has found to cause cancer, birth defects or other reproductive effects.

SARA 313 Title III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazardous Categories: None

Section 313 Toxic Chemicals: None

Section XVI. Other Information

Date: April 24, 2007

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