 INTERNATIONAL INGREDIENT CORPORATION	150 Larkin Williams Industrial Ct • P.O. Box 26377 St. Louis, Missouri 63026 • 636-343-4111	
	Safety Data Sheet	
	Product Group-Dextrose	
	Issue 1	05-11-2016

Section 7: Handling and Storage

Avoid dispensing dust in air and exposure to potential ignition sources. Remove ingredient dust from area/processing equipment prior to using any heat producing equipment, such as arc welders, cutting torches, and spark/heat producing tools such as portable surface grinders. According to 29 CFR 1910.272(F), a hot work permit is required.

Section 8: Exposure Controls/Personal Protection

Respiratory protection: May cause irritation of the nasal membranes or the upper respiratory tract if dust exceeds the nuisance level. Wear an approved NIOSH dust respirator whenever dust concentrations in the work area are above ACGIH TLV/OSHA PELs. Nuisance Dust-PNOR.

Total Dust: 15 MG/CU M Respirable Fraction: 5 MG/CU M

Ventilation: Local exhaust if needed.

Mechanical (general): If needed. Insure that dust handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work areas. Use only appropriately classified electrical equipment and powered industrial trucks.

Protective gloves: N/A

Eye protection: Safety glasses/goggles suggested in dusty conditions.

Work/Hygienic Practices: Good personal hygiene practices should be followed. Wash hands and face before eating, drinking, etc.

General: Avoid dust accumulation and control ignition sources. Where appropriate, employ grounding, venting, and explosion relief provisions in accordance with accepted engineering practices in processes capable of generating dust and/or static electricity. Avoid accumulation of dust on surfaces to prevent secondary dust explosions. Refer to appropriate OSHA, NFPA, and applicable standards.

Section 9: Physical and Chemical Properties

Flash point (method): N/A

Flammable limits: LEL: Variable, UEL: Unknown

Auto ignition temperature: Unknown

Appearance: White color with a sweet smell.

Solids contents: +95%

Section 10: Stability and Reactivity

Stability: Unstable: Stable: X, Condition to avoid: N/A

Incompatibility (materials to avoid): None known

Hazardous decomposition or byproducts: None known

Hazardous Polymerization: May occur: Will not occur: X, Conditions to avoid: N/A

Section 11: Toxicological Information

Routes of entry: Inhalation: X, Skin: X, Eyes: X, Ingestion: Unlikely


Carcinogenicity: NTP: No, Arc Monographs: No, OSHA regulated: No

Acute: May be mechanical irritant to skin and eyes. Excessive inhalation of ingredient dust may affect nose, throat and lungs.

Chronic: Repeated and prolonged inhalation of ingredient dust may affect the respiratory system. Smokers have an increased risk of respiratory effects.

Signs and symptoms of exposure: Irritation to the skin, eyes, nose and throat may occur. Some people may occasionally experience coughing.

Medical conditions generally aggravated by exposure: Allergies and respiratory ailments.

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Section 12: Ecological Information: (Non-Mandatory)

Section 13: Disposal Considerations: (Non-Mandatory)

Section 14: Transport Information: (Non-Mandatory)

Section 15: Regulatory Information: (Non-Mandatory)

Section (B)(5)(III) of the HCS (CFR 1910.1200) exempts food, including feed and therefore any associated feed ingredient dust, from the labeling requirements of the HCS since the food/feed ingredient is subject to the labeling requirements of the FDA.

Section 16: Other information

General: All electrical equipment must be suitable for use in hazardous atmospheres involving combustible dust in accordance with 29 CFR 1910.307. The National Electric Code, NFPA 70, contains guidelines for determining the type and design of equipment and installation, which will meet this requirement.