

Material Safety Data Sheet

Cargill, INC.

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Hammond, IN 46320 (219) 659-2000

PRODUCT NAME: Cargill Plus 08505

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Effective Date: 01/03

I. IDENTIFICATION

Chemical Name of Primary Component(s): Dextrin

Empirical Formula: $(C_6H_{10}O_5)_n$ Carbohydrate

CAS#: 9004-53-9

II. INGREDIENTS/SUMMARY OF HAZARDS

Ingredient(s): Dextrin (Carbohydrate)

TOXICITY HAZARD RATING: Nontoxic

OSHA Hazardous (H)/Non Hazardous (NH): NH

NFPA Hazard Code: (Health, Flammability, Reactivity): 0,1,0

(4=Extreme/Severe 3=High/Serious 2=Moderate 1=Slight 0=Minimum)

HMIS Labeling: Exempt

SARA Title III Classification: Exempt: Not listed as a toxic chemical under 40 CFR section 372.65.

Regulatory Information: This product is regulated by the FDA and is affirmed GRAS under 21 CFR 184.1277 in the USA. This product is listed on the TSCA Inventory and on the DSL in Canada.

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III. PHYSICAL DATA

Specific Gravity: 1.45

Boiling Point: N/A

Melting Point: N/A

Solubility In Water: Partially Soluble

Appearance and Odor: Dry powder (white or yellow), bland odor.

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A

Extinguishing Media: Water, foam, CO²

Special Fire Fighting Procedures: Good Housekeeping is best preventative

Unusual Fire and Explosion Hazards: Excessive dusts from grain products are potentially hazardous. Avoid excessive dusting, open flames, open lights, or welding in area of dry product if bag dumping.

V. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Excessive dusting

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur.

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VI. HEALTH HAZARD DATA/FIRST AID PROCEDURES

Chemical Name: Dextrin

ACGIH (TLV): 10 mg/m³ - Total dust

OSHA (PEL): 15 mg/m³ - Total dust

Route(s) of Entry: Inhalation

Carcinogenicity: None

Signs and Symptoms of Exposure: No harm under most conditions

Medical Conditions Aggravated by Exposure: Inhalation of "nuisance" dusts have a long history of little adverse effect on lungs. May irritate mucous membranes.

Emergency and First Aid Procedures: Inhalation: remove to fresh air. Medical attention unlikely.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken if Material is Released or Spilled: Sweep up or shovel into DOT approved containers.

Waste Disposal Method: Comply with all applicable local, state and federal regulations for waste disposal.

Precautions to Be Taken in Handling and Storing: Avoid dust accumulations. Best storage is realized at dry, cool conditions. Store in an odor-free area.

Other Precautions: Enforce "No Smoking Rules". Excessive concentrations of nuisance dusts in workroom air may seriously reduce visibility.

VIII. CONTROL MEASURES

Respiratory Protection: Use NIOSH/MSHA approved mask when bag dumping.

Eye Protection: Recommended.

Ventilation: Use local exhaust as needed to maintain airborne exposure.