

File under B. Bean & Co.

#196521

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MATERIAL SAFETY DATA SHEET

LAUNDRY STARCH

8/14/88

This Material Safety Data Sheet is principally directed to managerial, safety, hygiene and medical personnel. The description of physical, chemical and toxicological properties and handling advice is based on experimental results, past experience and literature search. It is intended as a starting point for the development of health and safety procedures.

The information herein is given in good faith and believed to be accurate and complete, but no warranty, expressed or implied, is made.

This Material Safety Data Sheet (MSDS) meets the requirements of the Federal OSHA Hazard Communications Standard (29 CFR 1910.1200).

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SECTION 1. PRODUCT IDENTIFICATION  
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CHEMICAL NAME: CORN STARCH

CHEMICAL FAMILY: CARBOHYDRATE

TRADE/COMMON NAMES: LINIT STARCH, SIZING.

CAS No.: 65996-62-5

UN NUMBER: NA

FORMULA:  $(C_6H_{10}O_5)_n$

MOLECULAR WEIGHT: NA

NFPA HAZARD CODE: 0 0 0

SHIPPING CLASS AND HAZARD CLASS - (DOT) NA

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## SECTION II HAZARDOUS INGREDIENTS

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MATERIAL OR COMPONENT: This product does not contain any hazardous ingredients as defined by the OSHA Hazardous Communications Standard ( 29 CFR 1910.1200 ).

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## SECTION III PHYSICAL DATA

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BOILING POINT: >212°F

SPECIFIC GRAVITY: 1.05  
Water - 1.0

VAPOR PRESSURE: Not determined.

VAPOR DENSITY: NA

% VOLATILE BY VOLUME: Approximately 90% ( water fraction )

SOLUBILITY IN WATER: Complete

EVAPORATION RATE: NA

pH: Approximately 7 to 9

COLOR: Undyed hot - almost clear  
Undyed cold - white  
Dyed - light to medium slate blue

ODOR: Light aromatic

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## SECTION IV FIRE AND EXPLOSION DATA

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FLASHPOINT: Nonflammable

SPECIAL FIRE FIGHTING PROCEDURES: NA

UNUSUAL FIRE AND EXPLOSION HAZARDS: NA

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## SECTION V HEALTH HAZARD INFORMATION

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INHALATION: NA

SKIN CONTACT: Non irritant.

EYE CONTACT: Slight irritation.

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## SECTION VIII SPECIAL PROTECTION INFORMATION

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VENTILATION REQUIREMENTS: NA

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:

Respiratory - NA

Eyes - It is always advisable to wear safety glasses when dispensing chemicals.

Gloves - NA

Other - NA

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## SECTION IX. SPECIAL PRECAUTIONS

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PRECAUTIONARY STATEMENTS:

Normal handling of household laundry starch requires safety requirements as stated on the labels.

PROPER HANDLING AND STORAGE REQUIREMENTS:

Retain in original container and store away from excessive heat or cold.

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## SECTION X. REGULATORY CONCERNS

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1. This product or it's ingredients is not listed on any toxic or hazardous substance lists and is not required to be reported under sections 304 or 313 of the Superfund Amendments and Reauthorization Act of 1986 ( SARA Title III ).
2. This product may meet the reporting critia of:
  - a) Section 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 ( SARA Title III ).
  - b) OSHA Hazardous Communications Standard ( 29 CFR 1910.1200 ).

IT IS THE RESPONSIBILITY OF THE USER/PURCHASER TO EVALUATE THE APPLICABILITY OF THE ABOVE REGULATIONS.

INGESTION: Not evaluated, but ingestion is not likely to cause illness or injury.

EFFECTS OF OVEREXPOSURE: NA

EMERGENCY AND FIRST AID PROCEDURES:

EYES	Copiously wash eyes with water for at least 15 minutes. Consult an eye specialist immediately if irritation persists.
INHALATION	NA
INGESTION	If accidentally swallowed, drink water, and obtain medical attention.

CARCINOGENICITY: NTP: NO IARC: NO Z LIST: NO OSHA: NO

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SECTION VI REACTIVITY DATA

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CONDITIONS CONTRIBUTING TO INSTABILITY: None

INCOMPATIBILITY: NA

HAZARDOUS DECOMPOSITION PRODUCTS: None

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SECTION VII DISPOSAL, SPILL OR LEAK PROCEDURES

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AQUATIC TOXICITY:

Not established, but if not dilute may affect aquatic life. Do not allow spilled material to enter streams.

WASTE DISPOSAL METHOD:

Use a water absorbant material and dispose of in the trash.

HANDLING SPILLS:

Use a water absorbant material to absorb as much liquid as possible, then sweep up and dispose of in the trash. Wash area of spill with water. CAUTION: Liquid starch is very slippery on any surface.

NEUTRALIZING CHEMICALS: NA