



MAR 15 1991

M A T E R I A L S A F E T Y D A T A S H E E T

EM SCIENCE
A Division of EM Industries
P.O. Box 70
480 Democrat Rd.
Gibbstown, N.J. 08027

Preparation Date: ~~OCT 27, '87~~
Date Sent to Customer....: MAR 12, '91
Information Phone Number :
(609) 354-9200
Chemtrec Emergency Number:
1-800-424-9300

JOYCE KILBY/RISK MGMT OF
UNIV OF WISCONSIN-WHITEWATER
800 W. MAIN ST-LIBRARY RM 2008
WHITEWATER, WI
53190

NFPA HAZARD RATINGS	
Health: 1	Flammability: 1
Reactivity : 0	Special Hazards.: N/A

Catalog Number(s): SECTION I - GENERAL INFORMATION
DX0130 DX0135

Chemical Name.....: Dextrin
Trade Name.....: White Dextrin; Starch Gum
C.A.S. Number.....: 9004-53-9
Chemical Family...: Hydrolyzed Starch
Formula.....: (C₆H₁₀O₅)_n
Molecular Weight...: (162.15)_n
DOT Shipping Name: N/A
DOT Number.....: N/A

Beilby

SECTION II - HAZARDOUS INGREDIENTS
-None other than specified product

SECTION III - PHYSICAL DATA

Boiling Point (C° 760 mm Hg)...: N/A
Melting Point (C°).....: N/A
Specific Gravity(H₂O = 1).....: N/A
Vapor Pressure..(mm Hg).....: N/A 20C
Percent Volatile by Vol (%):..: N/A
Vapor Density (Air=1).....: N/A
Evaporation Rate (BuAc=1).....: N/A
Solubility in Water (%):.....: Slight
Appearance and Odor.....: White or cream colored powder

SECTION IV - FIRE & EXPLOSION HAZARD DATA

Flash Point (F°).....: None
Flammable Limits LEL %: N/A
Flammable Limits UEL %: N/A
Extinguishing Media.....:
CO₂ dry chemical
Fire Fighting Proc.....:
Wear self-contained breathing apparatus
Fire & Expl. Hazards...:
-Thermal decomposition produces acrid fumes

SECTION V - HEALTH HAZARD DATA (ACUTE AND CHRONIC)

ACGIH TLV/OSHA PEL (TWA).....:
& PEL: None established
Toxicity Data.....:
-ivn-mus LD50: 350 mg(Fe)/kg
Symptoms of Exposure.....:
-No harmful effects indicated from available information
Medical Cond. Aggravated by Exp: Data not available,
Routes of Entry.....: Inhalation, ingestion or skin contact.
Carcinogenicity.....: See Comments, Section X; if no inform-
ation appears, the material is not listed as a cancer causing agent.
Emergency First Aid.....:
GET MEDICAL ASSISTANCE IF ANY ADVERSE EFFECTS DEVELOP
Eyes: Flush thoroughly with water
Skin: Wash with soap and water
Dust inhalation: Remove to fresh air

SECTION VI - REACTIVITY DATA

Stability.....: YES
Conditions to Avoid.....:
-Extreme heat
Materials to Avoid.....: () Water () Acids
() Bases () Corrosives (X) Oxidizers

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() Other (specify)-N/A
Hazardous Polymerization.: Data not available.
Hazardous Decomposition.: -COx

SECTION VII - ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response:

-Take up and containerize for proper disposal

Waste Disposal: To be performed in compliance with all current local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation, Respiratory Protection, Protective Clothing, Eye Protection:

-Material should be handled or transferred only in an approved fume hood or with adequate ventilation. Protective gloves (Neoprene, PVC or equivalent) should be worn to prevent skin contact which might cause irritation or allergic reaction. Safety glasses with side shields should be worn at all times.

SECTION IX - SPECIAL PROTECTION INFORMATION

Handling & Storage:

-Keep container closed

Store at controlled room temperature away from oxidizers

Do not breathe dust

Do not get in eyes

Avoid prolonged skin contact

Do not take internally

Work/Hygienic Practices: Wash thoroughly after handling. Do not take internally. Eye wash and safety equipment should be readily available.

SECTION X - OTHER INFORMATION

Comments: None

Revision History: 01/20/86, 06/05/87

N/A = Not available: