MATERIAL SAFETY DATA SHEET

EM SCIENCE
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Preparation Date .......: OCT 27, '87
Date Sent to Customer.: MAR 12, '91
JOYCE KILBY/RISK MGMT OF
UNIV OF WISCONSIN-WHITEWATER
800 W. MAIN ST-LIBRARY RM 2008
WHITEWATER, WI 53190

Information Number : (609) 354-9200
Chemtrec Emergency Number:
1-800-424-9300

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

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

Chemical Name......: Dextrin
Trade Name.........: White Dextrin; Starch Gum
CAS Number........: 9004-53-1
Chemical Family...: Hydrolyzed Starch
Formula............: (C6H1005)n
Molecular Weight.: (162.15)n
DOT Shipping Name: N/A
DOT Number........: N/A

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
Percent Volatile by Vol (%): 20C
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 acid 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 .: See Comments, Section X; if no information appears, the material is not listed as a cancer causing agent.
Medical Cond. Aggravated by Exp: Data not available.
Routes of Entry .......: Inhalation, ingestion or skin contact.
Carcinogenicity .......: See Comments, Section X; if no information 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/Hygiene 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:

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