

FISHER SCIENTIFIC CO CHEMICAL DIV. -- STARCH -- 6810-00-275-8128

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Product Identification
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Product ID:STARCH

MSDS Date:02/12/1992

FSC:6810

NIIN:00-275-8128

MSDS Number: BPYGY

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CO CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num:201-796-7100 OR 201-796-75

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CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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Composition/Information on Ingredients
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Ingred Name:STARCH

CAS:9005-25-8

RTECS #:GM5090000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3; 9293

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Hazards Identification
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LD50 LC50 Mixture:LD50 (INTRAPERITONEAL RAT) 6,600 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: SKIN-HIGH CONCENTRATIONS MAY CAUSE UNPLEASANT DEPOSITS ON THE SKIN. CHRONIC: INHALE-PROLONGED OR REPEATED EXPOSURE MAY POSSIBLY CAUSE CHEMICAL PNEUMONITIS. SKIN-REPEATED OR PROLONGED CONTACT MAY CAUSE MILD IRRITATION.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT

CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:INHALE-HIGH CONCENTRATIONS MAY CAUSE UNPLEASANT DEPOSITS IN THE NASAL PASSAGE. EYE-HIGH CONCENTRATIONS MAY CAUSE IRRITATION & UNPLEASANT DEPOSITS IN THE EYES & SERIOUSLY REDUCE VISIBILITY. INGESTION-INGESTION OF VERY LARGE DOSES MAY CAUSE INTESTINAL OBSTRUCTION, IRON DEFICIENCY ANEMIA, REDUCED CHOLESTEROL.

Medical Cond Aggravated by Exposure:PERSONS WITH PULMONARY DYSFUNCTION.

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===== First Aid Measures =====

First Aid:INHALE-REMOVE FROM AREA TO FRESH AIR. IF STOPED BREATHING, PERFORM CPR. KEEP WARM & AT REST. SKIN-REMOVE CONTAMINATED CLOTHING, WASH AREA WITH SOAP OR MILD DETERGENT & LARGE AMOUNTS OF WATER. EYE-WASH WITH LARGE AMOUNTS OF WATER OR NORMAL SALINE UNTIL NO CHEMICAL REMAINS. INGESTION-TREAT SYMPTOMATICALLY & SUPPORTIVELY, GET MEDICAL ATTENTION IN ALL CASES. IF VOMITING

OCCURS, KEEP HEAD LOW.

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===== Fire Fighting Measures =====

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR REGULAR FOAM. FOR LARGE FIRES USE WATER SPRAY, FOG OR REGULAR FOAM.

Fire Fighting Procedures:MOVE CONTAINER FROM FIRE AREA IF CAN DO WITHOUT RISK. DO NOT SCATTER SPILL WITH HIGH PRESSURE STREAMS. DIKE FIRE-CONTROL WATER FOR LATER DISPOSAL.

Unusual Fire/Explosion Hazard:SLIGHT FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME. DUST

-AIR MIXTURE MAY IGNITE OR EXPLODE.

===== Accidental Release Measures =====

Spill Release Procedures:SWEEP UP AND PLACE IN SUITABLE CLEAN, DRY CONTAINER FOR RECLAMATION OR LATER DISPOSAL. DO NOT FLUSH SPILLED MATERIAL INTO SEWERS, KEEP UNNECESSARY PEOPLE AWAY.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER. STORE IN A COOL, DRY, VENTILATED AREA. STORE AWAY FROM

INCOMPATIBLES.

Other Precautions:MAY BURN BUT DOES NOT IGNITE READILY. AVOID CONTACT WITH STRONG OXIDIZERS, EXCESSIVE HEAT, SPARKS, OR OPEN FLAMES.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:ANY DUST AND MIST RESPIRATOR, ANY SELF-CONTAINED BREATHING APPARATUS, ANY AIR-PURIFYING RESPIRATOR WITH A HIGH-EFFICIENCY PARTICULATE FILTER, ETC.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS. VENTILATION EQUIPMENT MUST BE EXPLOSION PROOF.

Protective Gloves:GLOVES ARE NOT REQUIRED BUT RECOMMENDED.

Eye Protection:EYE PROTECTION NOT REQUIRED BUT ADVISIBL

Other Protective Equipment:PROTECTIVE CLOTHING NOT REQUIRED. AVOID REPEATED OR PROLONGED CONTACT WITH THIS SUBSTANCE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health
NONE

===== Physical/Chemical Properties =====

HCC:C3

Melt/Freeze Pt:M.

P/F.P Text:DECOMPOSES

pH:4.5-6

Solubility in Water:INSOLUBLE IN COLD.

Appearance and Odor:ODORLESS, IRREGULAR, ANGULAR, WHITE MASSES/FINE POWDER, WITH A SLIGHT TASTE.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

OXIDIZERS (STRONG) : FIRE AND EXPLOSION HAZARD.

Stability Condition to Avoid:STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY RELEASE TOXIC AND/OR HAZ

ARDOUS GASES.

===== Disposal Considerations =====

Waste Disposal Methods:OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS WHEN STORING OR DISPOSING OF THIS SUBSTANCE. FOR ASSISTANCE, CONTACT THE DISTRICT DIRECTOR OF THE ENVIRONMENTAL PROTECTION AGENCY.

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