

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

=====
Product Identification
=====

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

23

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

=====
Composition/Information on Ingredients
=====

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

=====
Hazards Identification
=====

==

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.

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

First Aid:INHALE-REMOVE FROM AREA TO FRESH AIR. IF STOPPED 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.

=====
===== 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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner wh
atsoever,
expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.