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## FISHER SCIENTIFIC -- H-323, HYDROGEN PEROXIDE 30% -- 6810-00-490-0423

Product ID:H-323, HYDROGEN PEROXIDE 30%

MSDS Date:12/21/1988

FSC:6810

NIIN:00-490-0423

MSDS Number: BPKNB === Responsible Party ===

Company Name: FISHER SCIENTIFIC

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;800

-424-9300(CHEMTREC)

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: HYDROGEN PEROXIDE, 30% (SARA III)

CAS:7722-84-1

RTECS #:MX0900000 Fraction by Wt: 30% OSHA PEL:1 PPM ACGIH TLV:1 PPM

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000 Fraction by Wt: 70%

Ing

red Name:MAY CONTAIN INGREDIENTS 4 OR 5 AS AN INHIBITOR. RTECS #:9999999ZZ

Ingred Name:DISODIUM STANNATE; (SODIUM STANNATE)

CAS:12058-66-1 RTECS #:JN6345000

Ingred Name: ACETANILIDE

CAS:103-84-4

RTECS #:AD7350000

Ingred Name:EXPLO HAZ: COMBUST MATTER. CONT W/EASILY OXIDIZABLE, ORG/OTHER COMBUST MATLS MAY RSLT IN IGNIT, VIOLENT COMBUST/EXPLO. RTECS #:9999999ZZ

Ingred Name:HAZ DECOMP PROD: WITH ROUGH SURFACES, ALKALIS, FINELY DIVIDED METALS, AND MANY OTHER SUBSTANCES.
RTECS #:9999992Z

Ingred Name:EFTS OF OVEREXP: CAUSE BLEACHING OF HAIR, DERM, IN SOME INDIV, ECZEMA. EYE: MAY CAUSE CONJUNCT & LACRIMATION. (ING 9) RTECS #:9999992Z

Ingred Name:ING 8:INGEST: AS EVALUATED BY RTECS,ADMIN TO MICE BY INGEST RSLTD IN STATISTICALLY SIGNIFICANT INCR IN INCIDENCE(ING 10) RTECS #:9999992Z

Ingred Name: ING 6: OF GASTROINTESTINAL TUMORS. RTECS #:9999992Z

Ingred Name:FIRST AID PROC: EVIDENCE OF CHEM REMAINS (AT LEAST 15-20 MIN). IN CASE OF CHEM BURNS, COVER AREA W/STERILE, DRY (ING 12)
RTECS #:9999999ZZ

Ingred Name:ING 11:DRESSING. BANDAGE SECURELY, BUT NOT TOO TIGHTLY. GET MED ATTN IMMED. EYE: WASH EYES IMMED W/LRG AMTS OF (ING 13) RTECS #:9999992Z

Ingred Name:ING 12: H\*2O,OCCAS LIFTING UPPER & LOWER LIDS, UNTIL NO EVIDENCE OF CHEM REMAINS (AT LEAST 15-20 MIN). CONTINUE (ING 14) RTECS #:9999999ZZ

Ingred Name:ING 13: IRRIGATING W/NORM SALINE UNTIL PH HAS RETURNED TO NORM (30-60 MIN). COVER W/STERILE BANDAGES. GET MED (ING 15) RTECS #:9999999ZZ

Ing

red Name:ING 14: ATTN IMMED. INGEST: IF VICTIM IS CONSCIOUS, IMMED GIVE 2-4 GLASSES OF H\*2O, & INDUCE VOMIT BY TOUCHING (ING 16) RTECS #:9999999ZZ

Ingred Name:ING 15: FINGER TO BACK OF THROAT. GET MED ATTN IMMED. ANTIDOTE: NO SPECIFIC ANTIDOTE. TREAT SYMP AND SUPPORTIVELY. RTECS #:9999992Z

Ingred Name:SPILL PROC: MATL INTO CLEAN, DRY CNTNR & COVER. MOVE CNTNRS FROM SPILL AREA. FOR SML LIQ SPILLS, FLUSH AREA W/ (ING 18) RTECS #:9999992Z

Ingred Name:ING 17: FLOODING AMTS OF H\*2O.
FOR LRGR SPILLS, DIKE FAR
AHEAD OF SPILL FOR LATER DISP. KEEP UNNEC PEOPLE AWAY. (ING 19)
RTECS #:9999999ZZ

Ingred Name:ING 18: ISOLATE HAZARD AREA AND DENY ENTRY. RTECS #:9999992Z

Ingred Name:OTHER PREC: LOCATED. SEC 303 OF SARA REQS THESE FACILITIES TO PARTICIPATE IN LOC EMER RESPONSE PLANNING (ING 21) RTECS #:9999992Z

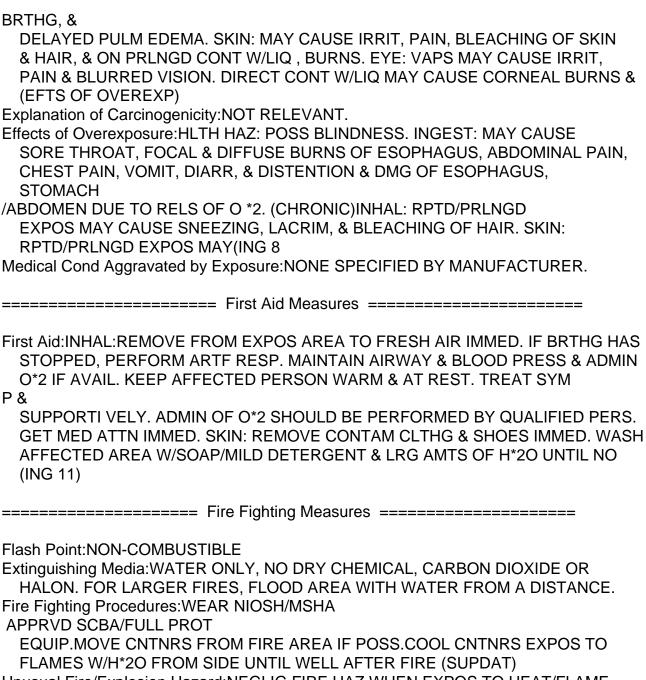
Ingred Name:ING 20:(40 CFR 355.30). MAY IGNIT OTHER COMBUST MATLS (WOOD, PAPER, OIL, ETC.). RXN W/FUELS MAY BE VIOLENT. FLAM(ING 22) RTECS #:9999999ZZ

Ingred N

ame:ING 21: POIS GASES MAY ACCUMULATE IN TANKS AND HOPPER CARS. RUNOFF TO SEWER MAY CREATE FIRE OR EXPLOSION HAZARD. RTECS #:9999999ZZ

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

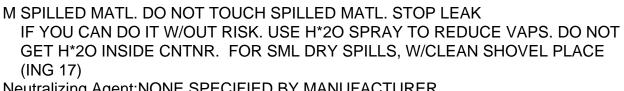
LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:(ACUTE)INHAL: MAY CAUSE IRRIT & INFLAM
OF RESP TRACT, SORE THROAT, COUGHING, DYSPNEA, LABORED



Unusual Fire/Explosion Hazard: NEGLIG FIRE HAZ WHEN EXPOS TO HEAT/FLAME. OXIDIZER: OXIDIZERS DECOMPOSE, ESPEC WHEN HEATED, TO YIELD O\*2/OTHER GASES WHICH WILL INCR BURNING RATE OF (ING 6)

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

Spill Release Procedures: OCCUP SPILL: KEEP COMBUST (WOOD, PAPER, OIL, ETC.) AWAY FRO



Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS WHEN STORING OF SUBSTANCE, FOR ASSISTANCE, CONTACT DISTRICT DIRECTOR OF ENVIRONMENT

AL PROT AGENCY.

Other Precautions: STORE AWAY FROM INCOMPATIBLE SUBSTANCES. SARA SEC 302 REQS EACH FACILITY WHERE AN EXTREM HAZ SUBSTANCE IS PRESENT IN QTY EQUAL TO/>TPQ ESTABLISHED FOR THAT SUBSTANCE NOTIFY STATE EMER RESPONSE COMMISI ON FOR STATE IN WHICH IT IS (ING 20)

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

Respiratory Protection: SPECIFIC RESPIRATOR SELECTED MUST BE BASED ON CONTAMINATION LEVELS FOUND IN WORK PLACE AND BE JOINTLY APPROVED BY

IOSH/MSHA. 10 PPM: SUPPLIED AIR/SCBA. 75 PPM: SUPPLIED AIR OR SCBA W/FULL FACEPIECE. ESCAPE: GAS MASK WITH CANISTER.

Ventilation: PROVIDE LOCAL EXHAUST VENTILATION AND/OR GENERAL DILUTION VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: CHEMICAL WORKERS GOGGLES.

Other Protective Equipment: PROTECTIVE (IMPERVIOUS) CLOTHING AND EQUIPMENT. EMERGENCY EYEWASH & DELUGE SHOWER.

Work Hygienic Practices: CONTACT LENSES SHOULD NOT BE WORN.

Sup

plemental Safety and Health

FIRE FIGHT PROC: IS OUT. STAY AWAY FROM STOR TANK ENDS. FOR MASS FIRE IN STOR AREA, USE UNMANNED HOSE HOLDER/MONITOR NOZ; ELSE WITHDRAW FROM AREA & LET FIRE BURN. USE H\*20 IN FLOODING AMTS AS FOG. COO L CNTNRS W/FLOODING QTYS OF H\*2O, APPLYFROM AS FAR A DISTANCE AS POSS. AVOID BREATHING TOXIC VAPORS, KEEP UPWIND.

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

Boiling Pt:B.P. Text:223F,106C Melt/Freeze Pt:M.P/F.P Text:-13F,-25C V

CONTACT NEHC FOR INFORMATION REGARDING INCOMPATIBLE MATERIALS. Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:THERM DECOMP RELS FLAM O\*2 & HEAT. RXN BEC

OMES SELF-SUSTAINED AT 141C. DECOMP IS ACCELERATED BY AGITATION, CONT (ING 7)

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

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

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