

FISHER SCIENTIFIC CO CHEMICAL DIV. -- STANNOUS CHLORIDE,DIHYDRATE -- 6810-00-145-2910

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

Product ID:STANNOUS CHLORIDE,DIHYDRATE

MSDS Date:12/08/1994

FSC:6810

NIIN:00-145-2910

MSDS Number: BMDMH

=== 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 800-424-9300(CHEMTREC)

CAGE:1B464

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== Contractor Identification ==

Company Name:FISHER SCIENTIFIC CO

Address:2000 PARK LN

Box:City:PITTSBURGH

State:PA

ZIP:15275

Country:US

Phone:412-490-8586

CAGE:22527

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:STANNOUS (TIN II) CHLORIDE DIHYDRATE

CAS:10025-69-1

RTECS #:XP8850000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (MS) 250 MG/KG (ANHYDROUS)

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

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

Health Hazards Acute and Chronic:**CORROSIVE**EYES:MAY CAUSE

IRRITATION.SKIN:MAY CAUSE IRRITATION.INGEST:1000MG/KG CAUSES

NECROSIS OF THE LIVER OR SPLEEN.INHAL:400MG/M3 IS IMMEDIATELY

DANGEROUS TO LIFE AND HEALTH.CHRO

NIC:DERMATITIS,C

ONJUNCTIVITIS,ANEMIA,LIVER,SPLEEN AND PANCREAS DAMAGE.

Explanation of Carcinogenicity:RATS FED 1000PPM STANNOUS CHLORIDE

DEVELOPED C-CELL THYROID TUMORS.

Effects of Overexposure:INGEST:ABDOMINAL

PAIN,VOMITING,DIARRHEA,METALLIC TASTE IN MOUTH,CHEST

PAIN,CONVULSIONS.EYES:REDNESS,PAIN.SKIN:REDNESS,PAIN.INHAL:SORE

THROAT,COUGHING,SHORTNESS OF BREATH.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING

PANCREAS,SPLEEN,LIVER OR KIDNEY AILMENTS MAY BE

AT INCREASED RISK

FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP OR MILD
DETERGENT AND WATER.GET MEDICAL ATTENTION.EYES:FLUSH WITH NORMAL

SALINE OR WATER FOR 15 MINUTES.GET MEDICAL ATTENTION.INHAL:REMOVE

TO FRESH AIR .MAINTAIN AIRWAY AND BLOOD PRESSURE.GIVE OXYGEN OR

ARTIFICIAL RESPIRATION IF NEEDED.INGEST:GET MEDICAL ATTENTION.IF

CONSCIOUS,GIVE WATER OR MILK.FOR SPONTANEOUS V

OMITING,KEEP HEAD

LOWER THAN HIPS.SUPP

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY,DRY CHEMICAL,CARBON DIOXIDE,FOAM.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND

FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER

FOG.FIGHT FIRE FROM UPWIND.

Unusual Fire/Explosion Hazard:MAY BURN;DOES NOT READILY IGNITE.FIRE

CONTROL WATER MAY CAUSE ENVIRONMENTAL DAMAGE;DIKE TO CONTAIN

N.DO NOT
SPREAD SPILLED MATERIAL WITH WATER STREAMS.

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

Spill Release Procedures:DO NOT TOUCH SPILLED MATERIAL.SHOVEL INTO A DRY CONTAINER FOR DISPOSAL.DIKE AHEAD OF LARGE SPILLS TO PREVENT ENVIRONMENTAL DAMAGE.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM COMBUSTIBLE AND INCOMPATIBLE MATERIALS.

Other Precautions:AVOID MOISTURE CONTAMINATION.AVOID SKIN AND EYE CONTACT.DO NOT INHALE DUST.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST AND MISTS,DEPENDING ON THE AIRBORN CONCENTRATION.

Ventilation:USE LOCAL EXHAUST.

Protective Gloves:CHEMICALLY RESISTANT GLOVES

Eye Protection:SPLASH OR DUST-PROOF GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:EXECISE GOOD LABORATORY PRACTICES.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

GASTRIC IRRITATION MAY BE RELIEVED WITH 10G CORNSTARCH OR FLOUR IN 1 LITER OF WATER.MAINTAIN BLOOD PRESSURE AND AIRWAY.GASTRIC LAVAGE MUST BE PERFORMED BY QUALIFIED MEDICAL PERSONNEL.

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

HCC:C1

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:=-37.8C, 100.F

M.P/F.P Text:100F,38C

Spec Gravity:2.7

Solubility in Water:DECOMPOSES

Appearance and Odor:NOT REPORTED.

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

Stability Indicator/Materials to Avoid:YES

BROMINE TRIFLUORIDE,CACACETYLIDE,CL*2,ETHYLENE OXIDE,HYDRAZINE HYDRATE,H*2O*2,METAL NITRATES,K,NA,

TURPENTINE.

Stability Condition to Avoid: AIR, WATER. ABSORBS OXYGEN TO BECOME
UNSTABLE OXYCHLORIDE. WATER FORMS THE INSOLUBLE BASIC SALT. AVOID
COMBUSTIBLE MATERIALS

Hazardous Decomposition Products: CORROSIVE CHLORIDE FUMES.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND
LOCAL REGULATIONS.

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