

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

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Product Identification  
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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

Eme

rgency Phone Num:201-796-7100 800-424-9300(CHEMTREC)

CAGE:1B464

=== 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

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Composition/Information on Ingredients  
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Ingred Name:STANNOUS (TIN II) CHLORID

E DIHYDRATE  
CAS:10025-69-1  
RTECS #:XP8850000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED

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===== 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.IN  
HAL:400MG/M3 IS IMMEDIATELY  
DANGEROUS TO LIFE AND HEALTH.CHRONIC: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.

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===== 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 VOMITING,KEEP HEAD  
LOWER THAN HIPS.SUPP

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===== 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.FIR

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CONTROL WATER MAY CAUSE ENVIRONMENTAL DAMAGE;DIKE TO CONTAIN.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 MIST S, 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 WATE

R.MAINTAIN BLOOD PRESSURE AND AIRWAY.GASTRIC LAVAGE MUST BE PERFORMED BY QUALIFIED MEDICAL APERSONNEL.

===== 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,CA ACETYLIDE,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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