

FISHER SCIENTIFIC, CHEMICAL DIV. -- T142-100 TIN (II) CHLORIDE DIHYDRATE -- 6810-00-145-2910

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Product Identification
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Product ID:T142-100 TIN (II) CHLORIDE DIHYDRATE
MSDS Date:06/10/1998
FSC:6810
NIIN:00-145-2910
MSDS Number: CDKPK
=== Responsible Party ===
Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.
Address:1 REAGENT LANE
City:FAIR LAWN
State:NJ
ZIP:07410
Country:US
Info Phone Num:20
1-796-7100 OR 201-796-7523
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

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Composition/Information on Ingredients
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Ingred Name:STANNOUS (TIN II) CHLORIDE DIHYDRATE
CAS:10025-69-1
RTECS #:XP8850000
Other REC Limits:NONE RECOMMENDED

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zards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:MAY CAUSE IRRIT,POSSIBLE
BURNS.SKIN:CONTACT CAUSES IRRIT,POSSIBLE BURNS,ESPECIALLY IF SKIN
IS WET/MOIST.INGEST:MAY CAUSE GI IRRIT W/NAU/VOMIT/DIARR.MAY CAUSE
BURNS TO DIGESTIVE TRACT.INORG TINS SA LTS MAY CAUSE SYSTEMIC TOXIC
EFFECTS ONCNS,HEAR

T,LIVER.INHAL:IRRIT MAY LEAD TO CHEM
PNEUITIS/PULM EDEMA.(SIGNS/SYPMTOM)

Explanation of Carcinogenicity:PER MSDS:NOT LISTED BY
ACGIH,IARC,NTP,OSHA,NIOSH.

Effects of Overexposure:HEALTH:MAY CAUSE SEVERE IRRIT OF UPPER RESP
TRACT W/PAIN/BURNS/INFLAMM.MAY CAUSE EFFECTS SIMILAR TO THOSE
DESCRIBED FOR INGEST.CHRONIC:NO INFO FOUND.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.
TARGET ORGANS:LIVER, LUNGS.

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===== First Aid Measures =====
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First Aid:EYE:IMMED FLUSH W/PLENTY OF WATER FOR @LEAST
15MINS,OCCASIONALLY LIFTING UPPER/LOWER LIDS.GET MED AID
IMMED.SKIN:GET MED AID IMMED.IMMED FLUSH W/PLENTY OF SOAP/WATER FOR
@LEAST 15MINS.INGEST:CONSC/ALE RT GIVE 2-4CUPFULS OF MILK/WATER.GET
MEDAID IMMED.INHAL:GET MED AID IMMED.REMOVE TO FRESH AIR.NOT BREATH
GIVE ART RESP;DIFFI BREATH GIVE OXY.DR:NO SPECIFIC ANTIDOTE
EXISTS.TREAT SYMPT/SUPPORTIVELY.

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===== Fire Fighting Measures =====
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Flash Point:NOT AVAILABLE

Autoignition Temp:Autoignition Temp Text:N/AVAI

Lower Limits:N/AVAI

Upper Limits:N/AVAI

Extinguishing Media:USE EXTINGUISHING MEDIA MOST APPROPRIATE FOR
SURROUNDING FIRE.

Fire Fighting Procedures:AS IN ANY FIRE WEAR SELF-CONTAINED BREATHING
APPARATUS IN PRESSURE-DEMAND,MSHA/NIOSH(APPROVED/EQUIVAL)& FULL
PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:COMBUSTION GENERATES TOXIC FUMES.

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===== Accidental Release Measures =====
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Spill Release Procedures:USE PROPER PERSONAL PROTECTIVE EQPMT AS
INDICATED IN MSDS.SWEEP UP,THEN PLACE INTO SUITABLE CONTAINER FOR
DISPOSAL.AAVOID GENERATING DUSTY CONDITIONS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====
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Handling and Storage Precautions:USE W/ADEQUATE VENTILATION.MINIMIZE
DUST GENERATION/ACCUMULATION.KEEP CNTNR TIGHTLY CLOSED.DON'T GET IN
EYE/SKIN.DON'T INGEST/INHAL.

Other Pr

Precautions: STORE IN COOL DRY WELL-VENTILATED AREA AWAY FROM INCOMPATIBLE SUBSTANCES.

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

Respiratory Protection: FOLLOW OSHA RESPIRATOR REGULATIONS FOUND 29 CFR 1910.134. ALWAYS USE NIOSH-APPROVED RESPIRATOR WHEN NECESSARY.

Ventilation: USE PROCESS ENCLOSURE LOCAL EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO CONTROL AIRBORNE LEVELS.

Protective Gloves: APPROPRIATE PROTECTIVE GLOVES.

Eye Protection: PROT EYEGLASSES, CHEM SAF GOGG, FACE PROT.

Other Protective Equipment: WEAR APPROPRIATE PROTECTIVE CLOTH TO PREVENT SKIN EXPOSURE.

Work Hygienic Practices: WASH THOROUGHLY AFT HNDLG. REMOVE CONTAMIN CLOTH/WASH BEF REUSE.

Supplemental Safety and Health

INCOMPATIBLE: HYDRAZINE HYDRATE, ETHYLENE OXIDE, METAL & ORGANIC NITRATES.

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

HCC: C1

Boiling Pt: B.P. Text: DECOMPOSES

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

Decomp Temp: Decomp Text: N/AVAI

Vapor Pres: NEGLI

Vapo

r Density: NA

Spec Gravity: 2.7

pH: N/AVAI

Viscosity: N/AVAI

Evaporation Rate & Reference: NEGLIGIBLE.

Solubility in Water: DECOMPOSES IN WATER

Appearance and Odor: COLORLESS TO WHITE CRYSTALLINE POWDER (SOLID), ODOR: NONE REPORTED.

Percent Volatiles by Volume: NP

Corrosion Rate: NP

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

Stability Indicator/Materials to Avoid: YES

H2O2, K, NA, STRONG BASES, STRONG OXIDIZERS, MOISTURE, ALCHOLS, AMINES. RXS VIG W/BROMINE TRIFLUORIDE, CALCIUM

CARBIDE,(SUPPLEME)

Stability Condition to Avoid:HIOGH TEMPERATURES,INCOMPATIBLE
MATLS,MOISTURE,EXPO TO AIR.

Hazardous Decomposition Products:HYDROGEN CHLORIDE, CHLORINE,TIN/TIN
OXIDES.

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

Waste Disposal Methods:DISPOSE OF IN MANNER CONSISTENT W/LOCAL, STATE
AND FEDERAL REGULATIONS.NOT LISTED AS MATL BANNED FROM LAND DISPO
ACCORDING TO RCRA.NO CERCLA/SARA CHEMS.

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