



Material Data Safety Sheet

Stannous Chloride-Dihydrate

Composition/Information on Ingredient

Cas:	10025-69-1
Code:	M
RTECS:	XP8850000
Code:	M
Name:	STANNOUS (TIN II) CHLORIDE DIHYDRATE
Other REC Limits:	NONE RECOMMENDED
OSHA PEL:	NOT ESTABLISHED
Code:	M
ACGIH TLV:	NOT ESTABLISHED
Code:	M N/P
ACGIHSTEL:	EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem
Code:	1 ACGIH STEL:

Control Measures

Respiratory Protection:	NONE NORMALLY REQUIRED. IF DUSTY CONDITIONS PREVAIL, WORK IN VENTILATION HOOD OR WEAR NIOSH-APPROVED DUST MASK.
Ventilation:	ADEQUATE
Protective Gloves:	RUBBER
Eye Protection:	CHEMICAL SAFETY GOGGLES
Other Protective Equipment:	EYE WASH STATION, SAFETY SHOWER, INDUSTRIAL-TYPE WORK CLOTHING, APRON
Work Hygienic Practices:	OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.
Supplemental Safety and Health:	N/P

Health Hazards Data

LD50LC50Mixture:	TLV 2 MG/M3 (AS SN)
Route Of Entry Inds - Inhalation:	YES
Skin:	NO
Ingestion:	NO
Carcinogenicity Inds - NTP:	NO
IARC:	NO
OSHA:	NO
Health Hazards Acute And Chronic:	TARGET ORGANS:EYE, SKIN, LUNG, GI TRACT. ACUTE-CORROSIVE EFFECTS. MAY CAUSE IRRITATION AND POSSIBLY BURNS TO EYES, SKIN, RESPIRATORY, MUCOUS MEMBRANES AND GI TRACT. CHRONIC- MAY CAUSE DERMATITIS, RASHES, LUNG DISORDERS, LIVER OR KIDNEY DAMAGE.
Explanation Of Carcinogenicity:	NONE
Signs And Symptoms Of Overexposure:	SEVERE IRRITATION, NAUSEA, VOMITING, DIARRHEA, ABDOMINAL DISCOMFORT, ABDOMINAL PAIN, BURNS, DERMATITIS, RASHES

Chemical attraction.



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Medical Cond Aggravated By Exposure: INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid: CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. CALL PHYSICIAN. SKIN:WASH WITH SOAP & WATER. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:IF CONSCIOUS, DRINK 2 GLASSES OF WATER & INDUCE VOMITING. CALL PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE FLUID/INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. SWEEP UP SPILL IN A MANNER THAT DOES NOT DISPERSE DUST INTO AIR. PLACE IN A SUITABLE CONTAINER FOR DISPOSAL.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE OR LOCAL LAWS. WHATEVER CANNOT BE SAVED FOR RECLAMATION MAY BE DISPOSED OF IN AN APPROVED RCRA HAZARDOUS WASTE FACILITY. DO NOT FLUSH TO SEWER.

Handling And Storage Precautions: STORE IN A COOL, DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions: DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID INHALATION OF DUST. OBEY HAZARD WARNING LABEL. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD/HOUSEHOLD USE. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. 2

Fire and Explosion Hazard Information

Flash Point Method: N/P

Flash Point:

Flash Point Text: NONE

Autoignition Temp:

Autoignition Temp Text: N/R

Lower Limits: N/R

Upper Limits: N/R

Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE, USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS

Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard: NONE

Physical/Chemical Properties

HCC: C1

NRC/State LIC No: NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: DECOMPOSES 3

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

M.P/F.P Text:

Chemical attraction.



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Decomp Temp:	
Decomp Text:	UNKNOWN
Vapor Pres:	N/R
Vapor Density:	N/R
Volatile Org Content %:	
Spec Gravity:	2.71
VOC Pounds/Gallon:	
PH:	N/K
VOC Grams/Liter:	
Viscosity:	NOT RELEVANT
Evaporation Rate & Reference:	NOT RELEVANT
Solubility in Water:	46%
Appearance and Odor:	WHITE CRYSTALS, SLIGHT HYDROCHLORIC ACID ODOR
Percent Volatiles by Volume:	N/R
Corrosion Rate:	UNKNOWN

Reactivity Data

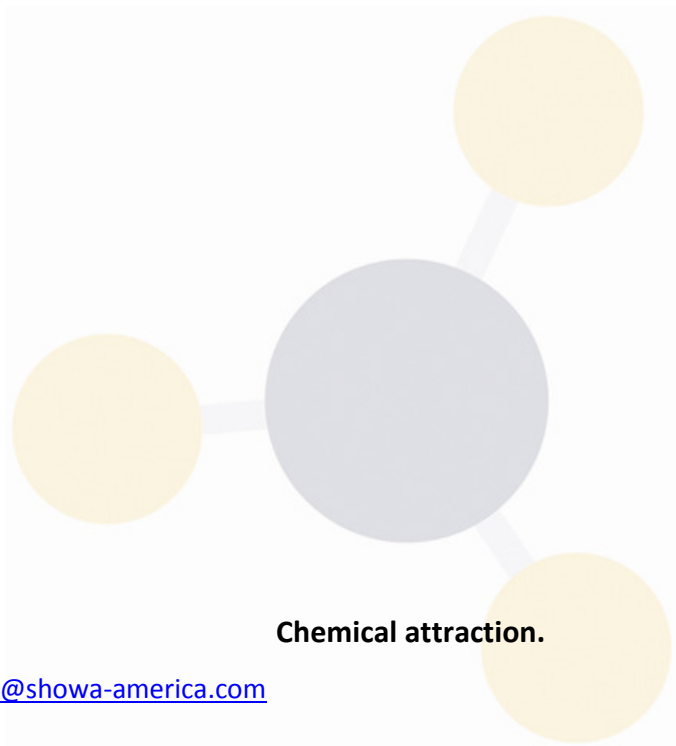
Stability Indicator:	YES
Stability Condition To Avoid:	HIGH HEAT
Materials To Avoid:	STRONG OXIDIZING AGENTS, STRONG BASES, SODIUM, POTASSIUM, CALCIUM CARBIDE
Hazardous Decomposition Products:	HYDROCHLORIC ACID
Hazardous Polymerization Indicator:	NO
Conditions To Avoid Polymerization:	NOT RELEVANT

Toxicological Information

Information:	N/P
MSDS Transport Information	
Information:	N/P
Regulatory Information	
Sara Title III Information:	N/P
Federal Regulatory Information:	N/P
State Regulatory Information:	N/P

Other Information

Other Information:	N/P
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Chemical attraction.