

SCIENCE KIT INC -- STANNOUS CHLORIDE,DIHYDRATE,87065-02 -- 6810-00-145-2910

## ===== Product Identification =====

Cab. # 2

Product ID:STANNOUS CHLORIDE,DIHYDRATE,87065-02  
 MSDS Date:09/21/1988  
 FSC:6810  
 NIIN:00-145-2910  
 MSDS Number: BYTJT  
 === Responsible Party ===  
 Company Name:SCIENCE KIT INC  
 Address:777 E PARK DR  
 City:TONAWANDA  
 State:NY  
 ZIP:14150-6708  
 Country:US  
 Info Phone Num:800-256-2586  
 Emergency Phone Num:800-256-2586/800-424-9300 (CHEMTREC)  
 Preparer's Name:K. KUCHEL  
 CAGE:57020

## ===== Contractor Identification =====

Company Name:SCIENCE KIT INC  
 Address:777 E PARK DR  
 Box:City:TONAWANDA  
 State:NY  
 ZIP:14150-6708  
 Country:US  
 Phone:716-874-6020  
 CAGE:57020

## ===== 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:TLV 2 MG/M3 (AS SN)  
 Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
 Reports of Carcinogenicity: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, RAS HES, LUNG DISORDERS, LIVER OR KIDNEY DAMAGE.  
 Explanation of Carcinogenicity:NONE  
 Effects of Overexposure:SEVERE IRRITATION, NAUSEA, VOMITING, DIARRHEA, ABDOMINAL DISCOMFORT, ABDOMINAL PAIN, BURNS, DERMATITIS, RASHES  
 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 Measures =====

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.

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

Flash Point:NONE

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

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

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

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

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 THOROUGH LY AFTER HANDLING.

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

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

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

HCC:C1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:DECOMPOSES

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

Spec Gravity:2.71

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:46%

Appearance and Odor:WHITE CRYSTALS, SLIGHT HYDROCHLORIC ACID ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG BASES, SODIUM, POTASSIUM, CALCIUM CARBIDE

Stability Condition to Avoid:HIGH HEAT

Hazardous Decomposition Products:HYDROCHLORIC ACID

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===== Disposal Considerations =====  
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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.

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