

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

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

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

CA

GE: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)

Route

s 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, DIARR  
HEA,  
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.

===== 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

===== 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.  
Neut

ralizing Agent:NOT RELEVANT

===== 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 AFTE  
R HANDLING.

===== 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 PROCEDU  
RES.

Supplemental Safety and Health

===== 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

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

Stability Indicator/Materials to Avoid:YES

STRO

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

Stability Condition to Avoid:HIGH HEAT

Hazardous Decomposition Products:HYDROCHLORIC ACID

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

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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