

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

Product ID:STANNOUS CHLORIDE DIHYDRATE

MSDS Date:11/15/1985

FSC:6810

NIIN:00-145-2910

MSDS Number: BPZGX

=== Responsible Party ===

Company Name:PEACOCK LABORATORIES INC

Address:54TH ST AND PASCALL AVE

City:PHILADELPHIA

State:PA

ZIP:19143

Country:US

Info Phone Num:215-729-4400

Emergency Phone Num:215-729-4400

CAGE:0WD67

=== Contractor Identification ==

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Address:54TH ST AND PASCHALL AVE

Box:City:PHILADELPHIA

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Phone:215-729-4400

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===== 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 =====

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Ca

rcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE BURNING IRRITATION OF RESPIRATORY TRACT. CONTACT WITH SKIN AND EYES MAY CAUSE BURNS OR SEVERE IRRITATION. SWALLOWING MAY CAUSE BURNS TO MOUTH, THROAT, ESOPHAGUS, AND STOMAC H; DIGESTIVE TRACT IRRITATION. CHRONIC:PROLONGED OR REPEATED CONTACT MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:STANNOUS CHLORIDE IS NOT LISTED ON THE IARC, NTP, OR OSHA LISTS.

Effects of Overexpo

sure:INHALED: COUGHING, CHEST PAIN, SHORTNESS OF BREATH, SORE THROAT. EYES: BURNING SENSATION, PAIN, REDNESS, TEARING, BLURRED VISION. SKIN: REDNESS, SWELLING, BURNS, PAIN. INGESTED: BURNING/PAIN IN MOUTH, THROAT, ESOPHAGUS, AND STOMACH; NAUSEA,VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:PRE-EXISTING RESPIRATORY AND SKIN/EYE DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

===== First Aid Measures =====

First Aid:INHALED: MOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. ADMINISTER OXYGEN IF BREATHING DIFFICULT. GET MEDICAL ATTENTION. EYES: FLUSH WITH LOTS OF WATER 15 MINUTES, HOLD LIDS OPEN . SEE DOCTOR. SKIN: REMOVE CONTAMINATEDCLOTHES. WASH WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SEE DOCTOR. INGESTED: IF CONSCIOUS, GIVE LOTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:IRRITATING AND TOXIC GASES ARE PRODUCED ON THERMAL DECOMPOSITION.

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

Spill Release Procedures:SWEEP OR VACUUM UP SPILLED MATERIAL AND PLACE IN A SECURE, PLASTIC LINED CONTAINER. CONTAIN AND FLUSH SPILL AREA WITH WATER. AND NEUTRALIZE WITH SODA ASH. DO NOT FLUSH

TO SEWER.
AVOID CONTAMINATION OF SURFACE OR GROUND WATERS.
Neutralizing Agent:SODA ASH

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

Handling and Storage Precautions:STORE IN LABELED, TIGHTLY SEALED
CONTAINERS IN AN UPRIGHT POSITION IN A COOL, DRY AREA. STORE AWAY
FROM INCOMPATIBLE MATERIALS.
Other Precautions:KEEP AWAY FROM SPARKS AND OPEN FLAMES. KEEP CONTAINER
TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINER FROM DAMAGE. DO
NOT USE CONTAINER AS MIXING OR DILUTION VESSEL. DO NOT REUSE
CONTAINER FOR ANY PURPOSE. DO NOT REMOVE OR DEFACE LABEL.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL; USE NIOSH/MSHA
APPROVED RESPIRATOR., AIR-SUPPLIED RESPIRATOR, OR SCBA, AS
REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134.
Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO
MAINTAIN EXPOSURE LEVEL BELOW REGULATORY LIMITS.
Protective Gloves:PVC,
NEOPRENE, OR NITRILE
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. EXPOSURE
MONITORING SHOULD BE DONE REGULARLY.
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health

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

HCC:C1
NRC/State Lic Num:NOT RELEVANT
Melt/Freeze Pt:=-37.8C, 100.F
Decomp Temp
:-37.8C, 100.F
Spec Gravity:2.71 (WATER=1)
Solubility in Water:APPRECIABLE
Appearance and Odor:WHITE SOLID CRYSTALS, ODORLESS

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

Stability Indicator/Materials to Avoid:YES
ALCOHOLS. AMINES, NITRATES, ALKALIES, BROMINE TRIFLUORIDE, CALCIUM
CARBIDE, ETHYLENE OXIDE, HYDROGEN PEROXIDE.
Stability Condition to Avoid:TEMPERATURES ABOVE 100F; CONTACT WITH
INCOMPATIBLE MATERIALS.
Hazardous Decomposition Products:HYDROGEN CHLORIDE

VAPORS AND STANNIC
OXIDE ARE FORMED ON THERMAL DECOMPOSITION.

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

Waste Disposal Methods:DISPOSE OF MATERIAL, CONTAINER, AND WASHINGS IN
ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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