

GFS CHEMICALS INC -- STANNOUS CHLORIDE; TIN II CHLORIDE,CAT #562 -- 6810-00-145-2910  
===== Product Identification =====

Product ID:STANNOUS CHLORIDE; TIN II CHLORIDE,CAT #562

MSDS Date:04/02/1991

FSC:6810

NIIN:00-145-2910

MSDS Number: BKBVW

=== Responsible Party ===

Company Name:GFS CHEMICALS INC

Address:PO BOX 245

Box:245

City:POWELL

State:OH

ZIP:43065

Country:US

Info Phone Num:800-881-5889

Emer

gency Phone Num:614-881-5501

CAGE:GFS00

=== Contractor Identification ===

Company Name:GFS CHEMICALS INC

Address:PO BOX 245

Box:245

City:POWELL

State:OH

ZIP:43065

Country:US

Phone:800-881-5889

CAGE:GFS00

Company Name:INLAND PACKAGING INC

Address:209 PETERSON DR

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701-9804

Country:US

Phone:502-737-6757

CAGE:66172

===== Composition/Information on Ingredients =====

Ingred Name:STANNOUS CHLORIDE, SOLID

CAS:7772-99-8

RTECS #:XP8700000

Fracti

on by Wt: 100%

Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 900 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALATION CAN CAUSE COUGHING, CHOKING, & INFLAMATION OF THE RESPIRATORY TRACT. SWALLOWING CAN CAUSE BURNS TO MOUTH & G.I. TRACT. EYE CONTACT CAN CAUSE SEVERE BURNS & DAMAGE

. SKIN CONTACT CAN CAUSE SEVERE BURNS AND DEEP ULCERS & DISCOLOR SKIN. CHRONIC: CONCENTRATED VAPORS MAY CAUSE EROSION OF TEETH.

Explanation of Carcinogenicity:HYDROCHLORIC ACID IS NOT LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:INFLAMMATION OF THE NOSE, THROAT, UPPER RESPIRATORY TRACT, EYES, SKIN AND MUCOUS MEMBRANES. VERY CORROSIVE AND CAN CAUSE SEVERE BURNS AND DAMAGE. LONG TERM EXPOSURES SELDOM OCCUR DUE TO THE CORROSIVE PROPERTIES OF THE ACID.

D. Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN:RE

MOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET IMMEDIATE MEDICAL ATTENTION. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE

AREA. COOL

FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:SMALL SPILL: FLUSH WITH WATER AND NEUTRALIZE WITH ALKALINE MATERIAL. SEWER NEUTRALIZED MATERIAL WITH EXCESS WATER. LARGE SPILL: EVACUATE AND VENTILATE AREA. IF POSSIBLE, STOP LEAK. DIKE TO RETAIN RUN OFF. NEUTRALIZE & PICK UP WITH ABSORBENT MATERIAL.

Neutralizing Agent:SODA ASH, LIME OR OTHER SUITABLE ALKALINE MATERIAL.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE & DIRECT SUNLIGHT.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES.

USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED FULL FACEPIECE CHEMICAL CARTRIDGE RESPIRATOR OR A SUPPLIED AIR FULL FACEPIECE RESPIRATOR OR AIRLINED HOOD.

Ventilation:A SYSTEM OF LOCAL EXHAUST IS RECOMMENDED TO KEEP EMPLOYEE EXPOSURES BELOW THE TLV.

Protective Gloves:NEOPRENE OR RUBBER GLOVES

Eye Protection:CHEMICAL SAFETY GOGGLES WITH FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. IMPERVIOUS BOOTS, APRON, OR COVERALLS AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health  
NONE

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

HCC:C1

Boiling

Pt:B.P. Text:NONE  
Vapor Pres:NONE  
Vapor Density:NONE  
Spec Gravity:2.71  
pH:NONE  
Viscosity:NONE  
Evaporation Rate & Reference:NONE  
Solubility in Water:COMPLETE  
Appearance and Odor:WHITE CRYSTALLINE. MAY HAVE FAINT ODOR OF  
HYDROCHLORIC ACID  
Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES  
OF IGNITION

Hazardous Decomposition Products:WHEN HEATED TO DECOMPOSITION, EMITS  
TOXIC HYDROGEN CHLORIDE FUMES. WILL REACT WITH WATER TO PRODUCE  
HEAT & TOXIC FUMES.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL  
APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. DISPOSE  
IN A RCRA-APPROVED WASTE FACILITY OR SEWER THE NEUTRALIZED SLURRY  
WITH EXCESS WATER IF LOCAL ORDINANCES ALLOW.

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