



# MATERIAL SAFETY DATA SHEET

## STANNOUS CHLORIDE, ANHYDROUS

Printed: 8/5/05

### PRODUCT IDENTIFICATION AND USE

MANUFACTURER: ARKEMA CANADA INC.  
700 THIRD LINE  
OAKVILLE, ONTARIO  
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(613) 996-6666 (CANUTEC)

PRODUCT IDENTIFIER: STANNOUS CHLORIDE, ANHYDROUS

PRODUCT CODE: AP9346

PRODUCT USE: OXIDIZING AGENT

WHMIS CLASSIFICATION: E - CORROSIVE.

### HAZARDOUS INGREDIENTS

	%W/W	CAS #	TLV
STANNOUS CHLORIDE LD50: 700-2,275 MG/KG (ORAL-RATS)	>99	7772-99-8	ACGIH TWA = 2 MG/M3 (INORGANIC COMPOUND, AS SN)

ADDITIONAL INGREDIENT INFORMATION (WHMIS NOT CONTROLLED):  
NA

### PHYSICAL DATA

PHYSICAL STATE: SOLID

ODOUR AND APPEARANCE: WHITE FLAKES WITH A CHARACTERISTIC ODOUR.

ODOUR THRESHOLD: NE

SPECIFIC GRAVITY/DENSITY (G/ML): NE

VAPOUR PRESSURE: NE

VAPOUR DENSITY (AIR=1): NE

VOLATILITY/VOL(%): NE

SOLUBILITY IN H2O: SOLUBLE

EVAPORATION RATE: NE

BOILING POINT: NE

FREEZING POINT: 247°C (MELTING POINT)

PH: NE

LOG KOW: NE

### SHIPPING INFORMATION

UN 3260, 8, III, CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (STANNOUS CHLORIDE, ANHYDROUS)

### FIRE AND EXPLOSION HAZARD

FLAMMABILITY: NOT FLAMMABLE.

CONDITIONS: WILL BURN AT ELEVATED TEMPERATURES.

MEANS OF EXTINCTION: WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL

FLASHPOINT: NE

UPPER EXPLOSION LIMIT (% V): NE

LOWER EXPLOSION LIMIT (%V): NE

AUTO-IGNITION TEMPERATURE: NE

HAZARDOUS COMBUSTION PRODUCTS: TIN OXIDES, HYDROGEN CHLORIDE.

NA - NOT APPLICABLE

NE - NOT ESTABLISHED

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EXPLOSION DATA: NE  
SENSITIVITY TO IMPACT: NO  
SENSITIVITY TO STATIC DISCHARGE: NO

**REACTIVITY**

CHEMICAL STABILITY: STABLE  
INCOMPATIBLE MATERIALS: OXIDIZING AGENTS, REDUCING AGENTS, BASES.  
CONDITIONS OF REACTIVITY: NE  
HAZARDOUS DECOMPOSITION PRODUCTS: HCL ON CONTACT WITH WATER

**HEALTH HAZARD INFORMATION**

ROUTE OF ENTRY  
SKIN CONTACT: CORROSIVE  
SKIN ABSORPTION: NE  
EYE: CORROSIVE. MAY CAUSE BLINDNESS.  
INGESTION: CAUSES DIGESTIVE TRACT BURNS.  
INHALATION: MAY CAUSE SEVERE IRRITATION.  
ACUTE OVER EXPOSURE EFFECTS: NE  
CHRONIC OVER EXPOSURE EFFECTS: NE  
SENSITIZATION: DOES NOT MEET WHMIS CRITERIA.  
CARCINOGENICITY: DOES NOT MEET WHMIS CRITERIA.  
TERATOGENICITY: DOES NOT MEET WHMIS CRITERIA.  
MUTAGENICITY: DOES NOT MEET WHMIS CRITERIA.  
REPRODUCTIVE TOXICITY: DOES NOT MEET WHMIS CRITERIA.

**PREVENTIVE MEASURES**

PERSONAL PROTECTIVE EQUIPMENT: WEAR SAFETY GOGGLES AND USE IMPERVIOUS GLOVES. AN APPROVED DUST RESPIRATOR IS ADVISED.  
SPECIFIC ENGINEERING CONTROLS: LOCAL EXHAUST IS RECOMMENDED.  
LEAK AND SPILL PROCEDURES: SWEEP OR SCOOP UP AND PLACE IN A CLOSED CONTAINER.  
WASTE DISPOSAL: HAZARDOUS WASTE. DO NOT ALLOW PRODUCT TO ENTER THE ENVIRONMENT. CONSULT FEDERAL OR LOCAL AUTHORITIES FOR APPROVED DISPOSAL METHODS.  
HANDLING PROCEDURES AND EQUIPMENT: KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. WASH BEFORE EATING, DRINKING, USING TOBACCO PRODUCTS OR REST ROOMS.  
STORAGE REQUIREMENTS: KEEP IN A CLOSED, LABELED CONTAINER IN A VENTILATED AREA.

**FIRST AID MEASURES**

EYE FLUSH EYES WITH LARGE AMOUNT OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEEK MEDICAL ATTENTION.  
SKIN WASH SKIN WITH WATER AND SOAP. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS OR PERSISTS.  
INGESTION DO NOT GIVE LIQUIDS IF PERSON IS UNCONSCIOUS OR VERY DROWSY. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.  
INHALATION REMOVE PERSON TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION AND ADMINISTER OXYGEN IF NECESSARY. SEEK MEDICAL



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ATTENTION.

PREPARATION DATE	
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PREPARED BY:	TECHNICAL DEPARTMENT.
PHONE NUMBER OF PREPARER:	905-827-9841
DATE PREPARED (MM/DD/YY):	07/20/92
DATE REVISED (MM/DD/YY):	08/05/05

MINIMUM CONTACT WITH THIS AND ALL CHEMICALS IS RECOMMENDED AS A GOOD GENERAL POLICY TO FOLLOW.

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