



Flinn Scientific Canada Inc.
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PRODUCT: Tin(II) chloride

CODE: J776.00

SECTION 01: IDENTIFICATION

MANUFACTURER..... Flinn Scientific Inc.
PO Box 219
Batavia, Illinois 60510 USA
Tel: 1-800-452-1261

PRODUCT NAME..... Tin(II) chloride

PRODUCT USE..... This product is intended for use in a laboratory. The use of this product is restricted for use in a laboratory only.

SYNONYMS..... Stannous chloride .

EMERGENCY NUMBER..... CHEMTREC Emergency Phone Number: 703-527-3887 .

SECTION 02: HAZARD IDENTIFICATION



SIGNAL WORD..... DANGER.

HAZARD CLASSIFICATION..... Acute Toxicity (Oral) — Category 4. Skin Corrosion — Category 1.

HAZARD STATEMENT(S)..... H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENT(S)..... P264 Wash thoroughly after handling. P260 Do not breathe dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves, protective clothing, eye protection and face protection. P270 Do not eat, drink or smoke when using this product.

RESPONSE..... P301+P312 IF SWALLOWED: Call a POISON CONTROL center or doctor if you feel unwell. P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P363 Wash contaminated clothing before reuse. P310 If in eyes IMMEDIATELY call a POISON CONTROL center or a doctor. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P330 Rinse mouth.

STORAGE..... Flinn Suggested Chemical Storage Pattern: Inorganic #2.

DISPOSAL..... P501 Dispose of contents/container in accordance with local regulations.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Tin(II) chloride	10025-69-1	100

SECTION 04: FIRST AID MEASURES

MEDICAL ATTENTION AND SPECIAL TREATMENT..... Immediately call a POISON CENTER or physician .

INHALATION..... Remove victim to fresh air and keep at rest in a position comfortable for breathing.

INGESTION..... Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

SKIN CONTACT..... Rinse cautiously with water for several minutes .

EYE CONTACT..... Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If in eyes: IMMEDIATELY call poison center or physician.

SECTION 05: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA..... Use a tri-class dry chemical fire extinguisher .

HAZARDOUS COMBUSTION PRODUCTS..... Nonflammable solid.

SPECIAL FIRE FIGHTING PROCEDURES..... When heated to decomposition, may emit toxic fumes.

NFPA CODE..... None established.

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PROTECTIVE EQUIPMENT AND Wear protective gloves, protective clothing, and eye protection. Wash hands thoroughly after handling.
 EMERGENCY PROCEDURES
 METHODS AND MATERIALS FOR Sweep up, place in sealed bag or container and dispose. See Sections 8 and 13 for further information. Ventilate area and wash spill site after material pickup is complete.
 CONTAINMENT AND CLEANING UP

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES..... Wash thoroughly after handling .
 STORAGE NEEDS..... Deliquescent . Store in a cool, dry place within a Flinn Chem-Saf™ bag. Store with acetates, halides, sulfates, sulfites, thiosulfates and phosphates.
 FLINN SUGGESTED CHEMICAL STORAGE INORGANIC #2.
 PATTERN

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Tin(II) chloride	Not established	Not established	Not established	Not established	Not established	Not established
BODY/TYPE.....	General personal protective equipment.					
CLOTHING/TYPE.....	Protective clothing.					
EYE/TYPE.....	Safety goggles.					
FOOTWEAR/TYPE.....	Protective footwear.					
GLOVES/ TYPE.....	Protective gloves.					
PROTECTIVE EQUIPMENT.....	Wear protective gloves, protective clothing, and eye protection.					
RESPIRATORY/TYPE.....	Respiratory device if needed.					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE..... White powder and chunks.
 ODOUR..... Slight chlorine odour.
 ODOUR THRESHOLD..... No data available.
 pH..... Not applicable.
 SPECIFIC GRAVITY..... 2.71.
 MELTING POINT (°C)..... 37.7 °C.
 BOILING POINT (°C)..... 652 °C.
 EVAPORATION RATE..... Not applicable .
 FLASH POINT (°C), METHOD..... Not available.
 UPPER FLAMMABLE LIMIT (% VOL)..... Not available.
 LOWER FLAMMABLE LIMIT (% VOL)..... Not available.
 VAPOUR PRESSURE (mm Hg)..... Not applicable.
 VAPOUR DENSITY (AIR=1)..... Not applicable.
 SOLUBILITY..... Water, alkalies and alcohols .
 PARTITION COEFFICIENT — Not available.
 (N-OCTANOL/WATER)
 FLAMMABILITY (SOLIDS AND GASES)..... Not applicable .
 AUTO IGNITION TEMPERATURE (°C)..... Not available.
 DECOMPOSITION TEMPERATURE..... Not available.
 VISCOSITY..... Not available.

SECTION 10: STABILITY AND REACTIVITY

STABILITY..... Shelf life: Poor, deliquescent.
 POSSIBILITY OF HAZARDOUS REACTIONS..... Avoid contact with strong bases. Avoid contact with strong oxidizers .
 CONDITIONS TO AVOID..... See incompatible materials.
 INCOMPATIBLE MATERIALS..... Avoid contact with strong oxidizers, strong bases, sodium, potassium and hydrogen peroxide .
 HAZARDOUS DECOMPOSITION When heated to decomposition, may emit toxic fumes.
 PRODUCTS

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Tin(II) chloride	Not established	orl-rat: 700 mg/kg
ROUTE OF ENTRY:.....	Ingestion. Skin and eye contact.	
ACUTE EFFECTS:.....	Toxic, corrosive.	

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SECTION 11: TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS Not available, not all health aspects of this substance have been fully investigated.
TARGET ORGANS..... Not available, not all health aspects of this substance have been fully investigated.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY..... Data not yet available.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS..... Please review all Federal, Provincial and Local Regulations that may apply before proceeding.

SECTION 14: TRANSPORT INFORMATION

SHIPPING NAME..... Not regulated.
PROOF OF CLASSIFICATION..... This product has been classified in accordance with Part 2 of the Transportation of Dangerous Goods Regulations.

SECTION 15: REGULATORY INFORMATION

CEPA STATUS..... DSL - The substance is specified on the public Portion of the Domestic Substances List.
U.S. TSCA INVENTORY STATUS..... Listed.
EINECS STATUS..... Listed . (231-868-0).

SECTION 16: OTHER INFORMATION

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PREPARED BY: Flinn Scientific Inc.
DATE OF LATEST REVISION..... DEC 17/2015