

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Catalog Numbers: SC7555-H, SC7555-E, SC7555-I, SC7555-J, SC7555-K, SC7555-M
Product Identity: Stannous Chloride Powder

Chemical Family: Not Applicable
Synonyms: No Information Available
Recommended Use: Laboratory chemicals

Distributor's Name: ChemWorld, 885 Woodstock Rd, Roswell, GA 30075
Emergency Contact Number (24hr): Chemtel (800) 255-3924

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Section 2 – Hazard Identification

Emergency Overview: May cause irritation to the respiratory tract, eyes and skin. Wash areas of contact. Get medical attention if irritation develops.

Appearance: White powder **Odor:** Odorless

Target Organs: respiratory system, eyes, and skin,

Potential Health Effects/ Routes of Exposure:

Eyes: May cause irritation, redness, pain.

Skin: May cause irritation, redness, pain.

Ingestion: May cause gastrointestinal irritation with nausea, diarrhea, fatigue, dizziness, and vomiting.

Inhalation: May cause irritation to the upper respiratory tract.

Chronic Effect / Carcinogenicity: None (IARC, NTP, OSHA)

Aggravated Medical Conditions No information available

These chemicals are not considered hazardous by OSHA.

See section 11 for toxicological information. See section 12 for potential environmental effects.

Section 3 – Composition, Information on Ingredients

Sodium Sulfate, CAS# 7757-82-6, 97.5% w/w
Stannous Chloride, CAS# 7772-99-8, 2.5% w/w

Section 4 – First Aid

Eyes: Immediately flush eyes with water for at least 15 minutes. Immediately get medical assistance.

Skin: Flush with water for 15 minutes. Get medical assistance if irritation develops.

Ingestion: DO NOT induce vomiting. Dilute with water or milk. Get medical assistance.

Inhalation: Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

Notes to Physician Treat symptomatically.

Section 5 – Fire Fighting Measures

Flash Point: Not Applicable **Autoignition Temperature** No information available.

Explosion Limits Upper No data available **Lower** No data available

Extinguishing Media: Use appropriate means to extinguish surrounding fire.

Unsuitable Extinguishing Media: No information available

Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.

Fire Fighting Instructions / Equipment: Use normal procedures. Use protective clothing. Use NIOSH-approved breathing equipment.

Hazardous Combustion Products: No information Available

Sensitivity to mechanical impact No information available.

Sensitivity to static discharge No information available.
Specific Hazards Arising from the Chemical: No Information Available
NFPA Rating: (estimated) Health: 2; Flammable: 0; Reactivity: 2

Section 6 – Accidental Release Measures

Personal Precautions Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

Environmental Precautions Should not be released into the environment.

Methods for Containment and Clean Up Sweep up and containerize for disposal. Avoid dust.

Section 7 – Handling and Storage

Handling: Wash hands after handling. Avoid contact with skin and eyes.

Storage: Keep container tightly closed in a cool, dry area. Protect from freezing and physical damage.

Section 8 – Exposure Controls, Personal Protection

Sodium Sulfate, CAS# 7757-82-6, ACGIH TLV: NA, OSHA PEL: NA

Stannous Chloride, CAS# 7772-99-8, ACGIH TLV: NA, OSHA PEL: NA

Engineering Measures/ General Hygiene: Normal Ventilation is adequate.

Personal Protection Equipment: Skin Protection: Chemical resistant gloves.

Eye/Face Protection: Safety Glasses or goggles. **Respiratory Protection:** Normal Ventilation is adequate.

Section 9 – Physical and Chemical Properties

Appearance/Physical State: White powder

Odor: Odorless

Boiling Point: No Information Available

Melting Point: No Information Available

Vapor Density: No Information Available

Evaporation Rate: No Information Available

pH: No Information Available

Flammability: No Information Available

Solubility: No Information Available
available

Relative Density: No Information Available

% Volatility: No Information Available

Specific Gravity: No Information Available

Vapor Pressure: No Information Available

Flash Point: Not Applicable

Coefficient of water/oil distribution: Not Available

Odor Threshold: Not Available

Decomposition Temperature: No Information Available

Partition Coefficient n-octanol/water: No data

Molecular Weight: No Information Available

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.

Incompatible Materials: Strong oxidizers, strong acids, aluminum, magnesium

Conditions to Avoid: No information Available

Hazardous Decomposition Products: Oxides of sulfur, sodium oxide, oxides of tin, chlorine, Hydrogen Chloride.

Hazardous Polymerization: Does not occur

Hazardous Reactions: None under normal processing.

Section 11 – Toxicological Information

Routes of Exposure/Symptoms/Corrosiveness – See Section 2

LD50 orl-rat: 5989mg/kg (Sodium Sulfate), 2274.6mg/kg(Stannous Chloride)

LC50 inhalation-rat: 520mg/kg

Irritation: No information Available

Toxicologically Synergistic: No Information Available

Chronic Exposure

Carcinogenicity There are no known carcinogenic chemicals in this product

Sensitization No information available.

Mutagenic Effects No information available.

Reproductive Effects No information available.
Developmental Effects (Immediate/Delayed) No information available.
Teratogenicity No information available.
Other Adverse Effects No information available.
Endocrine Disruptor Information No information available

Section 12 – Ecological Information

Ecotoxicity: No information available
Persistence and Degradability: No Information Available **Mobility:** No Information Available
Bioaccumulation/ Accumulation: No Information Available

Section 13 – Disposal Considerations

Waste Disposal/Waste Disposal of Packaging: Containerize for disposal. All chemical waster generators must determine whether a discarded chemical is classified as hazardous waste. Comply with all local, state, and federal regulations.

Section 14 – Transport Information

DOT - Not Regulated

Section 15 – Regulatory Information (not meant to be all inclusive)

OSHA Status: These chemicals are not considered hazardous by OSHA.

Canada DSL: The chemicals are listed on Canada's DSL list.

TSCA: The components of this solution are listed on the TSCA Inventory

SARA Title III Section 313: Not Applicable

RCRA Status: Not Applicable

CERCLA Reportable Quantity: Not Applicable

WHMIS: None

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Section 16 – Additional Information

Disclaimer: The information on this MSDS applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to determine the suitability and completeness of this information for his own particular use. No warranty is implied regarding the accuracy of the data or the results to be obtained from the products use.