

**GULF ENGINEERING COMPANY, LLC
WATER MANAGEMENT DIVISION**

611 HILL STREET

JEFFERSON, LA 70121

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MATERIAL SAFETY DATA

**CONCENTRATED STANNOUS CHLORIDE
CODE 8834**

**EMERGENCY TELEPHONE NUMBER
CHEMTREC 1-800-424-9300**

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PRODUCT INFORMATION
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Trade Name: CONCENTRATED STANNOUS CHLORIDE

Formula: SnCl₂·2H₂O+HCl

Chemical Names/Synonyms: Stannous Chloride

DOT Shipping Name: Hydrochloric Acid, Solution, 8, UN1789, PGII

DOT Hazard Class: 8, CORROSIVE

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PHYSICAL DATA (TYPICAL)
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Appearance: Colorless

pH: N/A

Odor: Odorless

Solubility in Water: Complete

Specific Gravity (H₂O= 1): 1.27

Boiling Point: 230°F

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HAZARD INGREDIENTS
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<u>Components</u>	<u>%</u>	<u>TLV</u>
Hydrochloric Acid	35.0	5 ppm (OSHA)

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FIRE AND EXPLOSION DATA
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Flash Point (method): N/A

Extinguishing Media: N/A

Special Fire Fighting Procedures: Use protection from vapors.

Unusual Fire and Explosion Hazards: Contact with metal will produce flammable and explosive hydrogen gas.

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HEALTH HAZARD DATA
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Effects of Overexposure: EMERGENCY FIRST AID PROCEDURES: Vapors can cause irritation or burning of upper respiratory tract. Contact with eyes and skin can also cause irritation or burning.

EMERGENCY FIRST AID PROCEDURES:

Eyes: Flush with water for 15-20 minutes and get medical attention.

Skin: Flush with water and get medical attention.

INGESTION: Do not induce vomiting, give milk of magnesia in water, then milk or or eggs whites beaten in water.

INHALATION: Remove to fresh air.

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REACTIVITY DATA

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STABILITY: Stable.

INCOMPATIBILITY: Reacts violently with alkali.

HAZARDOUS DECOMPOSITION PRODUCTS: Contact with metals can produce hydrogen.

Hazardous Polymerization: Will not occur.

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SPILL OR LEAK PROCEDURES

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Steps to be taken in event material is released or spilled: Ventilate, neutralize with soda ash or absorb with inert absorbent, such as vermiculite or sand.

Waste Disposal Method: Flush neutralized solution to sewer. Absorbent material can be neutralized, then incinerated or buried.

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SPECIAL PROTECTION INFORMATION

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Specific Personal Protective Equipment:

EYES: Wear splash proof goggles.

SKIN: Wear plastic or rubber gloves.

RESPIRATORY: Avoid breathing vapors.

OTHER: N/A

Ventilation Requirements: Sufficient to meet TLV.

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SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid contact with liquid or vapors.

OTHER PRECAUTIONS: Avoid extreme heat or contact with metals.

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The fourth digit of the code number designates package size:

GESSCO CODE 8834 – 8 OUNCE BOTTLE