

MATERIAL SAFETY DATA SHEET

Noble Chemical
 2209 Old Philadelphia Pike
 Lancaster, PA. 17602
 Phone:717-291-9700

N.A.=Not Applicable
 Not Est.=Not Established

Prepared by: Regulatory Affairs Department

Date:

SECTION 1 - GENERAL PRODUCT DATA

Product Name: LOW TEMP SAN Product Code: 147LOTEMPSAN HMIS Legend: 4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant HMIS Hazard Code: Health:0 Flammability:0 Reactivity:0 Chemical Family: Liquid Hypochlorite Solution D.O.T. Shipping Name: Compound, Cleaning Liquid	CHEM-TEL, INC. 24 Hour Emergency Contact 1-800-255-3924 Chemical Strength: Alkaline Material-Non Caustic Formula: Proprietary Hazard Class: N/A
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SECTION 2 - HAZARDOUS INGREDIENTS
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CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH	TLV	%
Sodium Hypochlorite	7681-52-9	Osha Pel	Acgih	Tlv	<8

Unidentified ingredients are not considered hazardous under the Federal Hazard Communications Standard (29 CFR 1910. 1200)

SECTION 3 - PHYSICAL DATA	SECTION 4 - FIRE AND EXPLOSION DATA
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Boiling Point (°F): 218 Vapor Pressure (mm Hg): = NA Appearance: NA Specific Gravity: 1.14 Percent Volatile By Volume: NA Evaporation Rate: = NA Odor: Chlorine pH: 12.6	Flash Point (F): N/A Flammable Limits: N/A Unusual Fire & Explosion Hazards: Not considered combustible Special Fire Fighting Procedures: This product is not normally considered combustible and will not burn or sustain combustion
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SECTION 5 - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: YES Skin: YES Ingestion: YES **Threshold Limit Value:** N/A
Effects of Overexposure: None anticipate
Emergency & First Aid Procedures:
For Skin: Rinse excess from skin and dry. Seek medical attention if irritation develops.
For Eyes: Rinse with cool running water for 15 minutes. Seek medical attention if irritation develops.
If Ingested: If swallowed, give several cups of water to dilute. Do not induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person.

Carcinogen: Not considered carcinogenic by OSHA, NTP, or IARC

SECTION 6 - REACTIVITY DATA	SECTION 7 - SPILL OR LEAK PROCEDURES
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Stability: Unstable Conditions to Avoid: Heat & Light Incompatibility: Acids, Heavy Metal Contaminants, Reducing Agents Hazardous Decomposition Products: Chlorine Gas Acids And Salts Hazardous Polymerization: NA	Steps to be taken if material is released or spilled: Spills may be slippery. Stop flow of product. Collect large spills for proper disposal. Wash spill area with plenty of water. Waste disposal method: Dispose of in accordance with all applicable federal, state and local regulations. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.
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SECTION 8 - SUGGESTED PROTECTIVE EQUIPMENT	SECTION 9 - SPECIAL PRECAUTIONS
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Respiratory Protection: Particle Removing Respirator Ventilation: Adequate general ventilation Protective Gloves: Rubber or Neoprene gloves Eye Protection: Chemical Goggles/Face Shield Other Protective Equipment: Eye Bath & Safety Shower. Use rubber boots and/or apron as required	Precautions to be taken in handling and storage: Other Precautions: Do not take internally. Avoid contamination of food. For industrial use only. Keep out of reach of children. Do not mix with anything but water.
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SECTION 313 SUPPLIER NOTIFICATION
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This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

This information must be included in all MSDS's that are copied and distributed for this material.

NOTICE

The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy, including the implied warranties of merchantability or fitness for a particular use or method of application. Since the conditions or handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the products improper use.