

\*\*\*\*Material Safety Data Sheet\*\*\*\*  
Emergency Phone # : 1-800-424-9300  
Information Phone # : (715) 723-4915

High Sierra Chemical  
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Chippewa Falls, WI 54729

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## Sodium Hypochlorite

### SECTION 1 PRODUCT IDENTIFICATION

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Product Name or Number..... Sodium Hypochlorite  
Trade Name or Chemical Name..... Sodium Hypochlorite  
Synonyms..... N/A  
Formula..... Proprietary  
Chemical Family..... Chlorinated Cleaner  
Molecular Weight..... N/A  
NFPA..... See Section 8  
HMIS Rating..... See Section 8

### SECTION 2 HAZARDOUS INGREDIENTS / HAZARD DATA

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Chemical Name(s)	CAS #	% WT	TLV-ACGIH	PEL-OSHA	SEC.313	NTP	IARC	PROP.65
Sodium Hypochlorite	7681-52-9	<15	None	None	No	No	No	No

### SECTION 3 REGULATORY DATA

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NTP..... National Toxicology Program  
IARC..... International Agency For Research on Cancer  
This product does not contain ingredients on the list of  
Proposition 65.  
Proposition 65..... State of California safe drinking water and toxic enforcement act  
of 1986  
Section 313 Sara Title III..... The chemical(s) marked with a “yes” on section 313 are subject  
to the reporting requirements of this section

### SECTION 4 PHYSICAL DATA

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Boiling/Melting Point..... 212° F  
pH..... 8.5  
Percent Volatile by Weight (%)..... 87%  
Specific Gravity or Bulk Density..... 1.090  
Solubility in Water..... Soluble  
Appearance..... Clear Yellow Liquid  
Odor..... Chlorine

**SECTION 5 FIRE AND EXPLOSION HAZARD DATA**

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Flash Point ° F (Test Method).....	N/A
Autoignition Temperature.....	N/A
Flammability Limits in Air (% V).....	None
Extinguishing Media.....	Water
Special Fire Fighting Procedures.....	Wear self contained Breathing Apparatus and full protective clothing. Spray with water to cool equipment exposed to heat.
Unusual Fire and Explosion Hazards...	Hazardous chlorine can be formed in case of a fire.

**SECTION 6 HEALTH HAZARD DATA \* EFFECTS OF OVEREXPOSURE**

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Threshold Limit Value.....	See Section 2
<b>SIGNS OF OVEREXPOSURE:</b>	
Eyes.....	Irritation, burns.
Skin.....	Irritation, burning sensation, redness
Inhalation.....	Breathing mist may irritate the nose, throat, and lungs.
Ingestion.....	Swallowing large quantities may cause nausea, vomiting, diarrhea, abdominal pain, or tissue ulceration.
Chronic.....	Repeated or prolonged exposure may cause damage to the lung, corneal, and gastrointestinal tract.

**SECTION 7 EMERGENCY AND FIRST AID PROCEDURES**

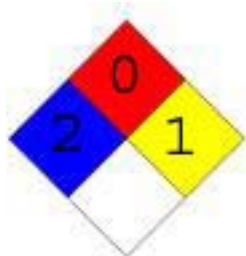
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Inhalation.....	Remove victim to fresh air. If breathing is difficult, assist breathing. Seek medical help.
Eye Contact.....	Immediately flush eyes with large quantities of water. Remove any contact lenses and continue to flush with water for at least 15 minutes. Contact a physician.
Skin Contact.....	Immediately wash skin with large quantities of water for at least 15 minutes. Remove contaminated clothing and footwear. Get medical attention. Wash clothing before reuse.
Ingestion.....	Never give anything by mouth to an unconscious person. Do not induce vomiting. Give large quantities of water. Get medical attention immediately.

**SECTION 8 HMIS RATING SYSTEM**

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NFPA



HMIS RATING

Health Hazard.....	2
Fire Hazard.....	0
Reactivity.....	1
Personal Protection.....	See Section 10

**SECTION 9****REACTIVITY DATA**

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Product Stability.....	Stable under normal conditions
Conditions to Avoid.....	
Chemical Incompatibility.....	Acids, oxidizing agents, organic material, ammonia, urea, solvents and metals such as iron and copper, phenyl acetonitrile, cellulose, ethylene.
Hazardous Decomposition Products.....	Chlorine gas and oxygen.
Hazardous Polymerization.....	Will not occur
Conditions to Avoid.....	Excessive heat and sunlight.
Corrosive to Metal.....	Yes
Oxidizer.....	No

**SECTION 10****SPECIAL PROTECTION INFORMATION**

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Respiratory Protection.....	Avoid breathing vapor or mist. For spill or emergency use NIOSH approved respirator when airborne exposure limits are exceeded.
Ventilation.....	Local exhaust recommended
Protective Clothing.....	Gloves and chemical goggles

**SECTION 11****ENVIRONMENTAL DATA**

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Environmental Toxicity Data.....	None
Spill or Leak Procedures.....	Spillage should be cleaned up as soon as possible. Material should be swept & scooped up. Place in dry container for disposal.
Waste Disposal Method.....	Per local, state, and federal regulations.
Container Disposal.....	Per local, state, and federal regulations.

**SECTION 12****SHIPPING DATA**

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D.O.T. Proper Shipping Name.....	Hypochlorite solution
Hazardous Substance 49CFR cercla.....	RQ – 100 lbs
D.O.T. Hazard Class.....	8
D.O.T. Labels Required.....	Corrosive
D.O.T. Placards Required.....	Corrosive
Poison Constituent.....	None
Bill of Lading Description.....	Sodium Hypochlorite
Packing Group.....	III
UN/NA Code.....	UN 1791

**SECTION 13****SUPPLIER INFORMATION**

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While High Sierra Chemical believes the statements set forth herein are accurate as of the date hereof, High Sierra Chemical makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation, and verification.