

Safety Data Sheet
Liquid Chlorine Bleach

SECTION I - IDENTIFICATION



Algonquin Products Company
P.O. Box 87005
Dartmouth, MA 02748
(770) 578-4240
Infotrac #84191 :..... (800) 535-5053

Product Number 1139
Product Name Liquid Chlorine Bleach
Chemical Family Cleaning agent. Chlorinated
CAS Number 7681-52-9
Date Prepared 2/12/2016
Revision Number 2/12/2016
Recommended Use Industrial Use Only

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Skin Corrosion/Irritation Category 1
Serious Eye Damage/Eye Irritation Category 1

DANGER!

GHS LABEL:



Hazard Statements

H314 Causes severe burns and eye damage
H318 Causes serious eye damage

Safety Data Sheet

Liquid Chlorine Bleach

Precautionary Statements

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container to an approved waste disposal plant.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Sodium hypochlorite	7681-52-9	12.5	Not Established	Not Established

SECTION IV - FIRST AID MEASURES

Contact with eyes: Flush with water for 15 minutes. Seek immediate medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin contact: Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

Inhalation: If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

Ingestion: If swallowed. Do not induce vomiting. Seek immediate medical attention.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO2, dry chemical.

Safety Data Sheet
Liquid Chlorine Bleach

Special Fire Fighting Procedures As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Unusual Fire Fighting Hazards: Dried product is capable of burning. Combustion products are toxic.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.

Environmental Precautions: Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

Methods for Cleaning Up: Mop up or absorb onto absorbant material and collect for disposal. Dispose of contents/container to an approved waste disposal plant.

SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- Avoid Acids. Strong oxidizers. Ammonia. Reactive metals such as aluminum, zinc and tin.
 - Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Do not eat, drink or smoke when using this product. Do not breath dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation. Wash face, hands, and any exposed skin thoroughly after handling. Remove contaminated clothing and wash before reuse.
 - Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep out of the reach of children.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Sodium hypochlorite	7681-52-9	Not Established	Not Established

Engineering Controls: Apply technical measures to comply with the occupational exposure limits. Showers. Eyewash stations. Ventilation systems.

Monitoring: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse.

Personal Protective Equipment (PPE)

Eye Protection: Safety glasses with side shields or chemical goggles.

Safety Data Sheet
Liquid Chlorine Bleach

Skin Protection: Wear protective gloves and protective clothing.

Respiratory Protection: None needed under normal use conditions with adequate ventilation. If the occupational exposure limits are exceeded, a NIOSH approved respirator with acid gas cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Yellowish-Green Liquid
Odor	Chlorine
pH@25°C	13.00
Melting/Freezing Point	Not Determined
Flashpoint	Not Determined
Specific Gravity	1.023
Solubility	Complete
Auto-Ignition Temperature	Not Determined
Decomposition Temperature	Not Determined
VOC Content	Not Determined
Odor Threshold	Not Determined
Boiling Range	>212°F
Evaporation Point	Not Determined
Flammable Limits - Upper	Not Determined
Flammable Limits - Lower	Not Determined
Vapor Pressure	Not Determined
Vapor Density (Air=1)	Not Determined
Viscosity	Not Determined

SECTION X - STABILITY AND REACTIVITY

Stability: Stable, under normal conditions of storage and handling.

Conditions to Avoid: Extremes of temperature and direct sunlight.

Hazardous Decomposition/Byproducts: May include carbon monoxide, carbon dioxide (CO₂) and other toxic gases or vapors.

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

Incompatibilities: Acids. Strong oxidizing agents. Ammonia. Reactive metals such as aluminum, zinc and tin.

Safety Data Sheet
Liquid Chlorine Bleach

SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: Do Not Inhale

Eye Contact: Will cause severe burns on contact and will damage the eyes.

Skin Contact: Causes severe skin burns.

Ingestion: Do Not taste or swallow

Toxicity:

Component Name	LD50	LC50
Sodium hypochlorite	Not Established	Not Established

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

Mobility: Information not available.

Degradability: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, State, and local regulations.

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Sodium Hypochlorite Solution 12.5%

Safety Data Sheet
Liquid Chlorine Bleach

Contains:

Hazard Class and Label: 8

Identification Number: UN1791

Packaging Group: III

Other Shipping Info:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
X	N/A	N/A	N/A	N/A

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

Component Name	CAS #	% by wt.	RQ (lbs.)
Sodium hypochlorite	7681-52-9	12.5	100

CALIFORNIA PROPOSITION 65:

No chemicals in this material are subject to the reporting requirements.

SECTION XVI - OTHER INFORMATION

HMIS Health: 3

HMIS Flammability: 0

HMIS Reactivity: 0

Additional:

Safety Data Sheet
Liquid Chlorine Bleach

Specification Information

Department issuing data sheet: Revised 4/20/15

Email address:

Training necessary:

Disclaimer:

The information provided in this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.