



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: CHLOR BRITE LAUNDRY DESTAINER
Product Code: 400095

Other means of identification:

Recommended use of the chemical and restrictions on use:

Product Use/Restriction: Institutional laundry detergent
Uses advised against: No information available

Chemical distributor, or other responsible party Name, address, and telephone number:

Distributor Name: North Woods
Address: 4415 S. Taylor Drive
Sheboygan, WI 53081
General Phone Number: 800-242-7694

Emergency phone number:

Emergency Phone Number: Infotrac (800) 535-5053
Website: www.northwoodstm.com

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

GHS Pictograms:



Signal Word: Danger

GHS Class: Classification:
This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Skin Corrosion/Irritation - Category 1, Subcategory 1B
Serious Eye Damage/Eye Irritation - Category 1

Hazard Statements: Causes severe skin burns and eye damage.

Precautionary Statements: Do not breathe dust/fume/gas/mist/vapours/spray.
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection.
Immediately call a POISON CENTER or doctor/physician.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Store locked up.
Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified that have been identified during the classification process:

Sodium hypochlorite *

Route of Exposure: Inhalation, Eye Contact, Skin Contact, Ingestion

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.
Chemical Name: Sodium hypochlorite
IARC: Group 3
IARC: (International Agency for Research on Cancer)
Group 3: Not Classifiable as to its Carcinogenicity to Humans

Potential Environmental Effects: Very toxic to aquatic life with long lasting effects

Signs/Symptoms: No information available.

Emergency Overview: Appearance: Clear
Physical State: Liquid.
Odor: No information available

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
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Sodium hypochlorite *	7681-52-9	5-15% by weight	
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Notes : * The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.

Skin Contact: Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. Immediate medical attention is required.

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Ingestion: Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediate medical attention is required.

Indication of immediate medical attention and special treatment needed:

Note to Physicians: Treat symptomatically.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment and precautions for fire-fighters:

Protective Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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

NFPA Ratings:

NFPA Health: 3
NFPA Flammability: 0
NFPA Reactivity: 1



Notes : Specific Hazards Arising from the Chemical: No information available
Sensitivity to Mechanical Impact: None
Sensitivity to Static Discharge: None

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personnel Precautions: Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Stop leak if you can do it without risk. If spilled, take caution, as material can cause surfaces to become very slippery.

Environmental precautions:

Environmental Precautions: Dispose of contents/container to an approved waste disposal plant.

Methods and materials for containment and cleaning up:

Methods for containment: Stop leak if you can do it without risk.

Methods for cleanup: Contain spill, dilute with water and neutralize as required. Wash away small spills with plenty of water.

SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Use only in area provided with appropriate exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Do not take internally. Wash thoroughly after handling.

Hygiene Practices: Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities:

Storage: Store at room temperature. Keep container closed when not in use. Keep out of the reach of children.

Notes : Incompatible Products: Heavy metals. Reducing agents. Acids. Do not mix with anything but water.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Appropriate engineering controls:

Engineering Controls: Showers
Eyewash stations
Ventilation systems

Individual protection measures:

Eye/Face Protection: Chemical splash goggles.

Skin Protection Description: Rubber gloves. Neoprene gloves.

Respiratory Protection: Particle filtering face piece.

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Liquid

Physical State Appearance: Clear

Odor: No information available

Odor Threshold: No information available

Boiling Point: > 100 deg C / > 212 deg F

Melting Point: No data available

Density: Relative: No data available

Specific Gravity: 1.09

Solubility: 100% in Water

Solubility in other solvents: No data available

Vapor Density: No data available

Vapor Pressure: No data available

Evaporation Rate: No data available

pH: 10.0 (4 % solution)

Viscosity: No data available

Coefficient of Water/Oil Distribution: n-octanol/water: No data available

Flammability: Not Flammable

Flash Point: No data available

Flash Point Method: None known

Lower Flammable/Explosive Limit: In Air: No data available

Upper Flammable/Explosive Limit: In Air: No data available

Auto Ignition Temperature: No data available

Explosive Properties: No data available

Oxidizing Properties: No data available

VOC Content: (%): No data available

9.2. Other information:

Notes : Flammability (solid, gas): No data available

SECTION 10 : STABILITY and REACTIVITY

Reactivity:

Reactivity: No data available.
Possibility of hazardous reactions:
None under normal processing.

Chemical Stability:
Chemical Stability: Stable under recommended storage conditions.

Conditions To Avoid:
Conditions to Avoid: Incompatible products. Protect from light. Heat.

Incompatible Materials:
Incompatible Materials: Heavy metals. Reducing agents. Acids. Do not mix with anything but water.

Hazardous Decomposition Products:
Special Decomposition Products: Chlorine gas acids and salts.

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Sodium hypochlorite * :

Acute Toxicity: The following values are calculated based on section 3 of the GHS document:
LD50 Oral: 6061 mg/kg; Acute toxicity estimate

Sodium hypochlorite * :

Eye: Causes serious eye damage.

Skin: Causes severe skin burns.
Chemical Name: Sodium hypochlorite
LD50 Dermal: > 10000 mg/kg (Rabbit)

Inhalation: May cause irritation of respiratory tract.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chemical Name: Water
LD50 Oral: 90 mL/kg (Rat)
Chemical Name: Sodium hypochlorite
LD50 Oral = 8200 mg/kg (Rat)

Sensitization: No information available.

Mutagenicity: No information available.

Reproductive Toxicity: No information available.

SECTION 12 : ECOLOGICAL INFORMATION

Sodium hypochlorite * :

Ecotoxicity:

Ecotoxicity: Very toxic to aquatic life with long lasting effects.

Toxicity to Algae:
EC50 24 h: = 0.095 mg/L (Skeletonema costatum)

Toxicity to Fish:
LC50 96 h: 0.03 - 0.19 mg/L semi-static (Oncorhynchus mykiss)
LC50 96 h: 0.05 - 0.771 mg/L flow-through (Oncorhynchus mykiss)
LC50 96 h: 0.06 - 0.11 mg/L flow-through (Pimephales promelas)
LC50 96 h: 0.18 - 0.22 mg/L static (Oncorhynchus mykiss)
LC50 96 h: 0.28 - 1 mg/L flow-through (Lepomis macrochirus)
LC50 96 h: 0.4 - 0.8 mg/L static (Lepomis macrochirus)
LC50 96 h: 4.5 - 7.6 mg/L static (Pimephales promelas)

Daphnia Magna (Water Flea):
EC50 48 h: 0.033 - 0.044 mg/L Static (Daphnia magna)
EC50 96 h: = 2.1 mg/L (Daphnia magna)

Persistence and degradability:

Biodegradation: Persistence and Degradability: No information available.

Bioaccumulative potential:

Bioaccumulation: No information available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal: Dispose of in accordance with federal, state, and local regulations

Do not re-use empty containers.

Notes : Chemical Name: Sodium hypochlorite
California Hazardous Waste:

Toxic
Ignitable
Reactive

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Hypochlorite Solutions
DOT UN Number: UN1791
DOT Hazard Class: 8
DOT Packing Group: II

IATA Shipping Name: Hypochlorite solution
IATA UN Number: UN1791
IATA Hazard Class: 8
IATA Packing Group: II

Canadian Shipping Name: Hypochlorite solution
Canadian UN Number: UN1791
Canadian Hazard Class: 8
IMDG UN Number : UN1791
IMDG Shipping Name : Hypochlorite solution
IMDG Hazard Class : 8
IMDG Packing Group : II
ADR UN Number: UN1791
ADR Shipping Name : Hypochlorite solution
ADR Hazard Class: 8
ADR Packing Group : II
RID UN Number : UN1791
RID Shipping Name : Hypochlorite solution
RID Hazard Class : 8
RID Packing Group : II
ICAO UN Number : UN1791
ICAO Shipping Name: Hypochlorite solution
ICAO Hazard Class : 8
ICAO Packing Group : II

Notes : DOT Reportable Quantity (RQ): Sodium hypochlorite: RQ kg=550.30
Emergency Response Guide Number: 154

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

TSCA Inventory Status: Complies
EINECS Inventory Status: Complies
SARA: This product does not contain any chemicals which are subject to the reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (40CFR, Part 372).
CERCLA Section 302: This material, as supplied, contains one or more substances regulated as hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302): Sodium hypochlorite: Hazardous Substances RQs: 100 lb
RQ: 100lb final RQ
RQ: 45.4kg final RQ
Section 311/312 Hazard Categories: Acute Health Hazard: Yes
Chronic Health Hazard: No
Fire Hazard: No
Sudden Release of Pressure Hazard: No
Reactive Hazard: No
Clean Water Act RQ: This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42): Sodium hypochlorite: Reportable Quantities: 100 lb
Hazardous Substances: Yes
California PROP 65: This product does not contain any Proposition 65 chemicals.
New Jersey: Listed
Massachusetts: Listed
Pennsylvania: Listed

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 3
HMIS Fire Hazard: 0
HMIS Reactivity: 1
HMIS Personal Protection: X

Health Hazard	3
Fire Hazard	0
Reactivity	1
Personal Protection	X

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Disclaimer:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may be present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond our control, we will not be responsible for loss, injury, or expense arising out of the product's improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. This user is responsible for full compliance.