

# SAFETY DATA SHEET



Date issued : 05/29/2015  
SDS number : BAC  
Date revised : 07/17/2024  
Revision number : 2

B.A.C.

## 1. Identification

**Product code:** 8515  
**Product identifier:** B.A.C.  
**Relevant identified uses:** Heavy Duty Chlorinated Cleaner and Bleach

### Manufacturer / Supplier

John-Henry Enterprises, Inc.  
800 Central Ave.  
Jefferson, LA 70121

**Emergency contact:** H. Zeller

**Emergency Phone:** 504-888-8989

**Web:** www.john-henry.com

### Emergency telephone number (24 hour)

US/Canada: 800-535-5053

## 2. Hazard identification

### Classification of the substance or mixture

#### Health hazards:

Skin Corrosion, Category 1B  
Serious Eye Damage, Category 1

#### Environmental hazards:

Acute Hazards to the Aquatic Environment, Category 1  
Chronic Hazards to the Aquatic Environment, Category 1

### Label elements



Severe  
Irritant/Corrosive



Environmental  
Hazard

### Hazard statement(s)

H314: Causes severe skin burns and eye damage.  
H410: Very toxic to aquatic life with long lasting effects.

### Precautionary statement(s)

#### Supplemental label elements:

P102: Keep out of reach of children.  
P103: Read carefully and follow all instructions.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
1193JFS0: Avoid contact with acids and ammonia  
P273: Avoid release to the environment.  
75990X3S: Keep only in original container. Store in a cool, well-ventilated space. Keep container tightly closed.

## 3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Hypochlorous Acid, Sodium Salt	10 - 15	7681-52-9

## 4. First-aid measures

**Eye:** Gently hold eyelids open and immediately flush eyes with water for at least 15 minutes or until pain eases. Remove contact lenses if possible. Cover eyes loosely with sterile dressing and seek medical attention, especially if there are visible burns or damage to or around eyes.

**Skin:** Remove contaminated clothing and footwear. Flush off with copious amounts of running water. Seek medical attention for burns or if irritation persists or worsens.

**Ingestion:** Get immediate medical attention (call 911). Keep patient warm, calm, and quiet. Rinse mouth with water. DO NOT induce vomiting unless instructed to do so by poison center or physician.

**Inhalation:** If affected by vapors, spray or mist, move to fresh air. Seek medical attention if symptoms persist or worsen. Give oxygen if breathing is difficult and seek prompt medical attention.

#### **Most important symptoms and effects, both acute and delayed**

**Eye:** Severe irritation or pain, tearing, redness, blurring and/or temporary or permanent loss of vision. May cause burns to and around eyes.

**Skin:** Causes moderate to severe irritation and possibly burns.

**Ingestion:** Harmful or fatal if swallowed. Can cause irritation, gastric upset, burns and damage (corrosion) to mouth, throat, esophagus and gastrointestinal tract.

**Inhalation:** Vapors, spray or mists can severely irritate eyes, nose, throat, and respiratory tract causing coughing, sneezing, difficulty breathing, etc.

**Indication of immediate medical attention and special treatment needed, if necessary:** Treat symptomatically. Material is a concentrated bleach solution and can cause burns and tissue damage. Removal by irrigation is recommended before commencing additional treatments

### **5. Fire-fighting measures**

**Flammable class:** Not Applicable - Water based product with no flashpoint.

**General hazard:** Strong oxidizer. May accelerate fires and release irritating and toxic fumes

**Explosion hazards:** Containers can burst if exposed to flames or high temperatures.

**Fire fighting procedures:** Wear self-contained breathing apparatus when fighting chemical fires. Use water fog or spray to cool containers and/or disperse product vapors.

**Hazardous decomposition products:** Can thermally decompose to release chlorine, hydrogen chloride gas, and sodium oxides.

### **6. Accidental release measures**

**Small spill:** Wear recommended PPE. Ventilate the area and remove uninvolved personnel. Contain and absorb spilled material. Dispose of contaminated absorbant properly. Wash spill area with water.

**Large spill:** Wear appropriate PPE. Remove uninvolved personnel from area. Stop flow. Contain spill and keep from entering sewer or surface waterways. Collect spill into suitable, properly labeled containers for use or disposal. Rinse spill area with water.

### **7. Handling and storage**

**Precautions for safe handling:** Read and understand product label and SDS before handling any chemical. Use in well ventilated areas. Always wear recommended personal protective equipment. Follow label instructions.

**Conditions for safe storage:** Store in original containers in well ventilated area away from oxidizable organic materials (paper, fabric), acids, ammonia, and reducing agents. Keep containers closed when not in use. Store out of direct sunlight and away from sources of heat.

**Storage temperature:** Store at temperatures below 100 deg F.

### **8. Exposure controls/personal protection**

**Appropriate engineering controls:** Maintain sufficient ventilation in storage and use areas to prevent the accumulation of product vapors, fumes, spray, or mists. Provide local exhaust for enclosed areas.

#### **Individual protection measures, such as personal protective equipment**

**Eye / face protection:** Wear safety glasses or goggles and face shield (recommended) when handling.

**Skin protection - hand protection:** Wear chemically resistant outer garments, impermeable boots and gloves when handling.

**Respiratory protection:** Use with adequate ventilation. Wear a NIOSH approved multi-purpose air purifying respirator where vapors, mists or spray are excessive or exceed exposure limits.

**Skin protection - other:** Wear chemically resistant full length apron and impermeable boots when handling.

**Occupational hygiene practices:** Wash thoroughly before eating, drinking, smoking, or using the facilities after handling any chemical product.

**Other use precautions:** Working eyewash stations and safety showers should be located in or near all areas where chemicals are stored or used.

### **9. Physical and chemical properties**

**Appearance:** clear, greenish-yellow liquid

**Odor:** strong, bleach

**pH:** > 12.0

**Notes:** (5% in water)

**Freezing point:** less than 32 deg F (0 deg C)

**Initial boiling point and boiling range:** greater than 212 deg F

**Evaporation rate (n-butyl acetate = 1):** Same as water (approximately)

**Vapor pressure:** Same as water (approximately)

**Relative vapor density:** Same as water (approximately)

**Relative density:** 1.25 to 1.25

**Solubility:** Complete in all proportions.

**Decomposition temperature:** Above 90 - 100 deg F

**Percent volatiles:** greater than 90% (w/w)

## 10. Stability and reactivity

**Chemical stability:** Stable under recommended storage conditions

**Conditions to avoid:** Elevated temperatures (above 100 deg F)

**Possibility of hazardous reactions:** Reacts with metals such as aluminum or zinc (releases hydrogen, a flammable gas). Reacts vigorously with concentrated acids (generating heat and steam). Reacts with ammonia and amines and forms toxic fumes.

**Hazardous decomposition products:** chlorine gas, hydrogen chloride, sodium oxides

**Incompatible materials:** Concentrated acids, oxidizing agents, metals such as aluminum or zinc, amines, ammonia, organic materials, reducing agents

## 11. Toxicological information

### Acute toxicity

**Acute dermal toxicity LD<sub>50</sub>:** > 2 g/kg (rabbit)

**Acute oral toxicity LD<sub>50</sub>:** 3 - 5 g/kg (rat)

## 12. Ecological information

### Aquatic toxicity, both acute and chronic

**96-hour LC<sub>50</sub>:** ~ 0.6 mg/l (bluegill)

**48-hour EC<sub>50</sub>:** ~ 1 mg/l (daphnia)

**Comments:** This product could be expected to produce significant ecotoxicity (immediate and long term) upon exposure to aquatic systems and organisms.

## 13. Disposal considerations

**Disposal methods:** Unused or undiluted product constitutes a hazardous waste. Follow all appropriate local, state, and Federal disposal regulations. Surfactants and other organic components are biodegradable. Collect and neutralize spent solutions and discharge to a waste water treatment facility.

**For large spills:** See Section 6

**Empty container:** Empty containers may contain product vapors. Do not cut, weld, burn, or grind. Return empty containers for recycling.

**RCRA/EPA waste information:** Unused or undiluted product would constitute an RCRA regulated hazardous waste due to corrosivity (CORROSIVE WASTE - D002, pH equal to or greater than 12.5)

## 14. Transport information

### USA Department of Transport Regulations (DOT)

**UN proper shipping name:** UN1791, HYPOCHLORITE SOLUTION, 8, III

**Reportable quantity (rq) under CERCLA:** 800 pounds (as supplied)

**Environmental hazards - marine pollutant:** No

### IMO / IMDG - International

**UN proper shipping name:** UN1791, HYPOCHLORITE SOLUTION, 8, III

**EmS:** F-A, S-B

**Environmental hazards - marine pollutant:** No

## 15. Regulatory information

### UNITED STATES

#### Dot label symbol and hazard classification



Corrosive

#### SARA Section 311/312 Hazard Categories

**311/312 Health hazards:** Acute health hazard (eye and skin irritation/corrosion), Reactivity

#### CERCLA Hazardous Substances and Reportable Quantities (RQ)

**CERCLA rq:** 800 lbs (as supplied)

#### TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Hypochlorous Acid, Sodium Salt	7681-52-9

**TSCA Status:** All ingredients are included on the TSCA Inventory or are exempt

**California Proposition 65:** Contains no substances known to the State of California to cause cancer, birth defects, or reproductive harm.

## 16. Other information

**Reason for issue:** New Address

**Approved by:** H. Zeller

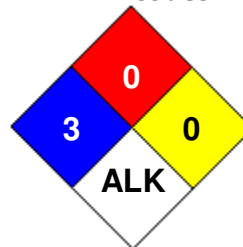
**Prepared by:** CSCC **Date revised:** 07/17/2024

**Revision summary:** This SDS replaces the 02/11/2022 SDS. Revised: **Section 1:** Reason for issue. **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

#### HMIS rating

Health	<input type="checkbox"/>	3
Flammability	<input type="checkbox"/>	0
Physical hazard	<input type="checkbox"/>	0
Personal protection	<input checked="" type="checkbox"/>	X

#### NFPA codes



**General statements:** Amounts given herein (other than for regulatory purposes) are typical and do not represent a specification. Unspecified or unlisted components are proprietary, do not present a hazard at levels present, are not hazardous, and/or are present at levels below reportable limits. Exact percentage values for all components are proprietary in accordance with 29 CFR 1910.1200(i)

**Manufacturer disclaimer:** To the best of our knowledge, the information contained herein is accurate. However, no liability whatsoever is assumed for its accuracy and/or completeness. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown health or physical hazards and should be used with caution. Certain hazards are described herein, but no guarantee is made that these are the only hazards associated with the material that exist.