

SAFETY DATA SHEET



Date Prepared : 05/29/2015
SDS No : BAC

B.A.C.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: B.A.C.
GENERAL USE: Heavy Duty Chlorinated Cleaner and Bleach
PRODUCT CODE: 8515

MANUFACTURER

JOHN-HENRY Enterprises, Inc.
2813 Richland Ave
Metairie, LA 70002
Emergency Contact: H. Zeller
Emergency Phone: 504-888-8989

24 HR. EMERGENCY TELEPHONE NUMBERS

US/Canada: 800-535-5053

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

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

Environmental:

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

GHS LABEL

CORROSIVE

Environmental
Hazard**HAZARD STATEMENTS**

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

PRECAUTIONARY STATEMENTS**General:**

P102: Keep out of reach of children.
P103: Read label before use.
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 well-ventilated place. Keep container tightly closed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Hypochlorous Acid, Sodium Salt	10 - 15	7681-52-9

4. FIRST AID MEASURES

EYES: 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.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: 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.

NOTES TO PHYSICIAN: 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

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.

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

ENGINEERING CONTROLS: Maintain sufficient ventilation in storage and use areas to prevent the accumulation of product vapors, spray, or mists. Provide local exhaust for enclosed areas.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses or goggles and face shield when handling.

SKIN: Wear chemically resistant outer garments, impermeable boots and gloves when handling.

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

PROTECTIVE CLOTHING: Wear chemically resistant full length apron and impermeable boots when handling.

WORK HYGIENIC 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

ODOR: strong, bleach

APPEARANCE: clear, greenish-yellow liquid

pH: > 12.0

Notes: (5%)

PERCENT VOLATILE: greater than 90% (w/w)

VAPOR PRESSURE: Same as water (approximately)

VAPOR DENSITY: Same as water (approximately)

BOILING POINT: greater than 212 deg F

FREEZING POINT: less than 32 deg F (0 deg C)

THERMAL DECOMPOSITION: Above 90 - 100 deg F

SOLUBILITY IN WATER: Complete in all proportions.

EVAPORATION RATE: Same as water (approximately)

SPECIFIC GRAVITY: 1.25 to 1.25

10. STABILITY AND REACTIVITY

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

DERMAL LD₅₀: > 2 g/kg (rabbit)

ORAL LD₅₀: 3 - 5 g/kg (rat)

EYE EFFECTS: Severe irritation, pain, burns, temporary or permanent loss of vision.

SKIN EFFECTS: Moderate to severe irritation, burns, damage to underlying tissues, and scarring.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: ~ 0.6 mg/l (bluegill)

48-HOUR EC₅₀: ~ 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 METHOD: 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

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: UN1791, HYPOCHLORITE SOLUTION, 8, III

REPORTABLE QUANTITY (RQ) UNDER CERCLA: 800 pounds (as supplied)

MARINE POLLUTANT #1: No

VESSEL (IMO/IMDG)

SHIPPING NAME: UN1791, HYPOCHLORITE SOLUTION, 8, III

EmS: F-A, S-B

MARINE POLLUTANT #1: No

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute health hazard (eye and skin irritation/corrosion), Reactivity

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** Yes **ACUTE:** Yes **CHRONIC:** No

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: 800 lbs (as supplied)

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
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: Convert to GHS format

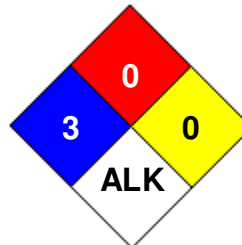
APPROVED BY: H. Zeller

PREPARED BY: CSCC **Date Prepared:** 05/29/2015

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 specified 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.