

SAFETY DATA SHEET



Date issued : 07/04/2015
SDS number : 2014
Date revised : 07/17/2024
Revision number : 2

BC-2014

1. Identification

Product code: 2014
Product identifier: BC-2014
Relevant identified uses: Boiler Treatment

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:

Eye Irritation, Category 4
Skin Irritation, Category 4

Label elements

No applicable GHS label

Hazard Statement: Irritating to eyes. Prolonged or repeated contact may irritate skin.

Signal word: WARNING

Hazard statement(s)

H320: Causes eye irritation.
H316: Causes mild skin irritation.

Precautionary statement(s)

Prevention:

P102: Keep out of reach of children.
P103: Read carefully and follow all instructions.
P262: Do not get in eyes, on skin, or on clothing.
75990X3S: Keep only in original container. Store in a cool, well-ventilated space. Keep container tightly closed.

Emergency overview

Immediate concerns: Causes irritation to eyes. Prolonged exposure may irritate skin.

Potential health effects

Eye: Contact may cause eye irritation.

Skin: Prolonged or repeated exposure may cause skin irritation and dermatitis.

Ingestion: May cause gastrointestinal discomfort, including nausea, vomiting, diarrhea, etc

Inhalation: Sprays or mist may be slightly irritating to eyes and respiratory tract.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
All components are not hazardous or are present at levels that do not present a hazard to users.	~ 100	000-00-0

4. First-aid measures

Eye: Immediately flush eyes with plenty of water for 15 minutes or until discomfort eases. Get medical attention if irritation persists.

Skin: Wash off with soap and water.

Ingestion: Get immediate medical attention (call 911). Rinse mouth with water. Do not induce vomiting unless instructed to do so by poison center or physician. Give patient water or milk unless unconscious or convulsing. Keep patient warm and comfortable. Treat for shock.

Inhalation: If affected by vapors, spray or mist, move to fresh air. Seek medical attention if symptoms persist or worsen.

Most important symptoms and effects, both acute and delayed

Eye: Slight to moderate irritation including stinging, burning, temporary blurring of vision

Skin: Prolonged or repeated contact may produce mild irritation, including redness, burning or itching, rash, etc.

Ingestion: Harmful if swallowed. Can cause gastrointestinal discomfort, including nausea, vomiting, and diarrhea.

Inhalation: Spray or mists can irritate eyes, nose, throat, and respiratory tract.

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically.

5. Fire-fighting measures

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

Suitable extinguishing media: Not applicable - water based product. Dried solids are not combustible.

Hazardous combustion products: Not Applicable

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 intact containers.

6. Accidental release measures

Small spill: 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: Avoid contact with eyes and prolonged contact with skin. Read and understand product label and SDS before handling any chemical. Always wear recommended personal protective equipment. Follow label cautions and instructions.

Conditions for safe storage: Store in original containers in well ventilated area. Keep containers closed when not in use.

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: Avoid eye contact. Wear safety glasses or goggles

Skin protection - hand protection: Avoid prolonged or repeated contact. Wear rubber, latex, or other chemical resistant gloves.

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

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, colorless liquid

Odor: none

pH: 6.0 to 7.0 as made

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

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

Flash point: none

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 to 1010

Solubility: Complete in all proportions.

Viscosity: Same as water (approximately)

Percent volatiles: 85 - 90% (w/w)

VOC content: Not Applicable

10. Stability and reactivity

Reactivity: No

Dangerous polymerization: No

Hazardous decomposition products: Not Applicable

Incompatible materials: oxidizing agents.

11. Toxicological information

Acute toxicity

Acute oral toxicity LD₅₀: > 6200 mg/kg (rat)

12. Ecological information

Environmental data: No data

13. Disposal considerations

Disposal methods: Not regulated as a hazardous material. Dispose in accordance with applicable local, state, and Federal regulations.

For large spills: See Section 6

Empty container: Triple rinse container thoroughly with water and recycle.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: NOT REGULATED

IMO / IMDG - International

UN proper shipping name: NOT REGULATED

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Acute health hazard (eye irritation)

California Proposition 65: Contains no substances known to the State of California to cause cancer.

16. Other information

Reason for issue: New Address

Approved by: H. Zeller

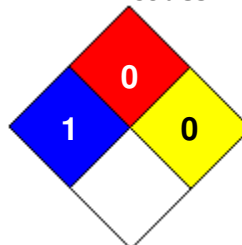
Prepared by: CSCC **Date revised:** 07/17/2024

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"/>	1
Flammability	<input type="checkbox"/>	0
Physical hazard	<input type="checkbox"/>	0
Personal protection	<input type="checkbox"/>	

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.