

SAFETY DATA SHEET



Date issued : 10/11/2024
SDS number : SOFT-SUDZ
Date revised : 10/29/2024
Revision number : 4

SOFT-SUDZ

1. Identification

Product code: 8401
Product identifier: SOFT-SUDZ
Relevant identified uses: Soft-wash Bleach Surfactant

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

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Skin Corrosion/Irritation, Category 2
Serious Eye Damage, Category 1
Eye Irritation, Category 1

Environmental hazards:

Chronic Hazards to the Aquatic Environment, Category 2
Acute Hazards to the Aquatic Environment, Category 1

Label elements



Environmental
Hazard

Signal word: DANGER

Hazard statement(s)

H318: Causes serious eye damage.
H315: Causes skin irritation.
H410: Very toxic to aquatic life with long lasting effects.
H400: Very toxic to aquatic life.

Precautionary statement(s)

Prevention:

P273: Avoid release into the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

Response:

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (See First Aid Section for more details)

Storage:

P201: Store separately.

Disposal:

P502: Refer to manufacturer or supplier for information on recovery or recycling.

Hazards not otherwise classified: None known.

Emergency overview

Physical appearance: clear, colorless liquid

Potential health effects

Eye: Can cause serious eye irritation, burns, and damage

Skin: Contact can cause irritation and redness.

Skin absorption: None known.

Ingestion: Causes irritation, burns, and damage to mouth, throat, esophagus, and stomach. Ingestion may result in damage to kidneys and could be fatal.

Inhalation: May cause allergic, asthma-like symptoms or other breathing difficulties. May also cause dizziness, lightheadedness, chest pain, muscle pain of fatigue.

Reproductive toxicity

Reproductive toxicity: None known.

Teratogenic effects: None known.

Carcinogenicity: None known.

Mutagenicity: No data available.

Cancer statement: None Expected.

Sensitization: None

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Water	80 - 90	7732-18-5
Dimethyl lauramine oxide	6 - 8	1643-20-5
1-tetradecanamine, N,n-dimethyl-, N-oxide	1 - 3	3332-27-2
Benzenesulfonic Acid, Dodecyl-	< 1	27176-87-0

4. First-aid measures

Eye: Gently hold eyelids open and flush with water for at least 15 minutes. Consult a physician. Remove contact lenses if possible. Continue flushing eyes while transporting for medical treatment.

Skin: Remove contaminated clothing and footwear. Wash with soap and water. Get medical attention if irritation develops or persists.

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.

Most important symptoms and effects, both acute and delayed

Eye: Severe irritation or pain, blurring and loss of vision, burns and/or permanent damage.

Skin: Contact causes skin irritation.

Skin absorption: Same as water (approximately)

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

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

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

5. Fire-fighting measures

Flammable class: GHS Category - 1 OSHA, US DOT - Flammable liquid

Flame propagation or burning rate of solids: No data available.

General hazard: None Expected.

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide

Explosion hazards: None Expected.

Fire fighting procedures: Do not spray water onto or into open or ruptured containers

Fire explosion: None Expected.

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 and ventilate the area. Stop and contain flow and keep spilled material from entering sewer or surface waterways. Collect spilled material and store in suitable, properly labeled containers for use or disposal. Rinse spill area thoroughly with water or a dilute alkaline solution.

Environmental precautions

Water spill: Do not discharge to or allow to enter surface waterways, drains, or public sewers

Land spill: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If product contaminates rivers, lakes, or drains, inform the proper authorities.

7. Handling and storage

Precautions for safe handling: Avoid contact with eyes and prolonged contact with skin. Avoid inhalation of concentrated vapors. Ground and bond containers when pouring or using. 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 a cool, well ventilated area away from heat, sparks, flame or other sources of ignition. Keep containers closed when not in use. Store separately from strong acids and oxidizing agents.

Storage temperature: (10°F) Minimum to (201°F) Maximum

Loading temperature: (10°F) Minimum to (201°F) Maximum

Loading/unloading viscosity: 18 cP@25C

8. Exposure controls/personal protection

Exposure controls

Control parameters				
Chemical name	Occupational exposure limit values			
	Type	ppm	mg/m ³	
Benzenesulfonic Acid, Dodecyl-	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

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 acid absorbing, air purifying respirator where fumes, 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

Physical state: Liquid

Appearance: light yellow liquid

Odor: Not Available

Odor threshold: Not Available

pH: 6.5 to 7.5

Melting point: Not Available

Freezing point: Not Available

Initial boiling point and boiling range: > (210°F)

Flash point: > (201°F)

Evaporation rate (n-butyl acetate = 1): Estimated slower than ethyl ether

Flammability: Not Available

Vapor pressure: Not Available

Relative vapor density: Estimated lighter than air

Density: 8.05 lb/gal @ 25C

Relative density: No data available.

Solubility: Not Available

Auto-ignition temperature: Not Available

Decomposition temperature: No data available.

Viscosity: No data available.

Molecular weight: No data available.

Pour point: No data available.

Explosive properties: None Expected.

Oxidizing properties: None Expected.

10. Stability and reactivity

Reactivity: Stable at ambient temperatures and under normal conditions of use

Chemical stability: Stable under recommended storage conditions

Conditions to avoid: Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Possibility of hazardous reactions: None Expected.

Hazardous decomposition products: Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide, and other low molecular weight hydrocarbons.

Incompatible materials: Strong oxidizing agents, reducing agents, nitric acid, sulfuric acid

11. Toxicological information

Acute toxicity

Acute dermal toxicity LD₅₀: > 2000 mg/kg (rabbit)

Acute oral toxicity LD₅₀: > 2000 mg/kg (rat)

Acute inhalation toxicity LC₅₀: Not Available

Notes: May be harmful if swallowed. May be harmful in contact with skin.

Skin corrosion / irritation: irritating to skin

Serious eye damage / irritation: Eyes - Serious damage (rabbit)

Respiratory or skin sensitization: Causes skin irritation, not a respiratory sensitizer.

Germ cell mutagenicity: Not Available

Carcinogenicity

IARC: No data available.

NTP: No data available.

OSHA: No data available.

Notes: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific Target Organ Toxicity - single exposure: Not Available

Specific Target Organ Toxicity - repeated exposure: Not Available

Aspiration hazard: Not Available

12. Ecological information

Ecotoxicological information: Toxic to aquatic life

Aquatic toxicity, both acute and chronic

96-hour LC₅₀: 2.67 mg/l (fish)

48-hour EC₅₀: 3.1 mg/l (daphnia)

96-hour EC₅₀: 0.19 mg/l (green algae) - 72 h

Bioaccumulative potential: No data available.

Environmental data: Ecological toxicity is not known. Product is biodegradable.

Other adverse effects: None known.

13. Disposal considerations

Disposal methods: Non hazardous material. Dispose in accordance with applicable local, state, and Federal regulations.

Empty container: Rinse container thoroughly with water and recycle. Empty containers may contain product vapors. Do not cut, saw or weld.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: NOT REGULATED

UN number: UN3082

Transport hazard class(es): Not known or defined as hazardous

Packing group, if applicable: III

Environmental hazards - marine pollutant: Yes

ADR / RID - road / rail

UN number: UN3082

15. Regulatory information

UNITED STATES

Dot label symbol and hazard classification



Marine
Pollutant

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Eye Irritation, Serious Eye Damage, Skin Corrosion, Skin Irritation

313 reportable ingredients: Not regulated

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status: No data available.

CERCLA regulatory: Not regulated

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Benzenesulfonic Acid, Dodecyl-	< 1	1,000

TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Water	7732-18-5
Dimethyl lauramine oxide	1643-20-5
1-tetradecanamine, N,n-dimethyl-, N-oxide	3332-27-2
Benzenesulfonic Acid, Dodecyl-	27176-87-0

TSCA regulatory: Not regulated

CAA 112(b) Hazardous Air Pollutants

CAA 112(r) List of Substances for Accidental Release Prevention: Not regulated

Clean air act (hazardous air pollutants): Not regulated

Occupational safety and health administration (osha)

29 cfr1910.119---process safety management of highly hazardous chemicals: Not regulated

Clean water act: Not regulated

Carcinogen: None

SDWA (safe drinking water act): Not Established

16. Other information

Approved by: H. Zeller

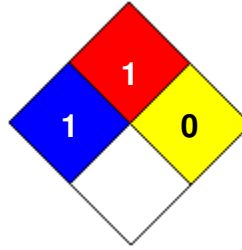
Date revised: 10/29/2024

Revision summary: This SDS replaces the 10/16/2024 SDS. Revised: **Section 1:** SDS number. **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 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.