

# SAFETY DATA SHEET



Date issued : 05/30/2015  
SDS number : Air-Dry  
Date revised : 07/17/2024  
Revision number : 3

## AIR-DRY

### 1. Identification

**Product code:** 8405  
**Product identifier:** AIR-DRY  
**Relevant identified uses:** Sanitizer

#### 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 Damage/Irritation (Reversible), Category 2A

Skin Irritation, Category 2

#### Label elements

Causes moderate to severe irritation to eyes. Prolonged exposure can cause moderate to severe irritation to skin. Mists and spray can irritate eyes, nose, throat, and respiratory system.



Irritant

**Signal word:** WARNING

#### Hazard statement(s)

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H401: Toxic to aquatic life.

#### 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.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

75990X3S: Keep only in original container. Store in a cool, well-ventilated space. Keep container tightly closed.

#### Emergency overview

**Immediate concerns:** Causes moderate to severe irritation to eyes. Prolonged exposure may irritate skin. Mists or sprays may irritate eyes, nose, and throat.

#### Potential health effects

**Eye:** Moderately to severely irritating and may cause temporary blurring of vision.

**Skin:** Prolonged or repeated exposure may cause dryness, redness, rash, irritation, sensitization and/or dermatitis.

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

**Inhalation:** Mists, sprays, or vapor can be irritating to eyes and respiratory tract.

### 3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
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Quaternary compound	3 - 8	68391-01-5
Quaternary compound	2 - 7	
Other ingredients are not hazardous or are present at levels that do not present a significant hazard.	> 95	Mixture

#### 4. First-aid measures

**Eye:** Gently hold eyelids open and flush with water for 15 minutes or until discomfort eases. Remove contact lenses if possible. Seek medical attention if irritation persists or vision remains blurred.

**Skin:** Remove contaminated clothing and footwear. Flush off with water. Get medical attention if irritation develops or persists.

**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:** Moderate to severe irritation, including copious tearing, stinging, burning, temporary blurring of vision

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

**Ingestion:** Causes irritation to mouth, throat, esophagus, and GI tract. Can cause gastrointestinal discomfort, including nausea, vomiting, and diarrhea. May produce anesthetic effects such as dizziness, nausea, etc.

**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. Flash point greater than 200 deg F.

**Suitable extinguishing media:** Not applicable - water based product. After water has evaporated, use water (fog or spray) or chemical foam on burning solids.

**Hazardous combustion products:** After water has evaporated, burning solids will produce oxides of carbon and nitrogen, organonitrogen, and hydrocarbon residues and acrid 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 intact containers.

#### 6. Accidental release measures

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

**Large spill:** Wear appropriate PPE. Stop flow. Ventilate the area and extinguish nearby sources of ignition. Remove uninvolved personnel from area. Contain spill and keep from entering sewer or surface waterways. Collect spill into suitable, properly labeled containers for use or disposal. Wash spill area with water or detergent solution.

#### 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:** mild, characterisitc detergent odor

**pH:** 6.0 to 7.0

**Notes:** as made

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

**Initial boiling point and boiling range:** 210 - 215 deg F

**Flash point:** > (200°F) TCC

**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:** 0.995 to 1.005

**Solubility:** Complete in all proportions.

**Viscosity:** Same as water (approximately)

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

**VOC content:** ~ 1 percent

## 10. Stability and reactivity

**Reactivity:** Yes

**Dangerous polymerization:** No

**Hazardous decomposition products:** Oxides of carbon and nitrogen, organonitrogen and hydrocarbon residues

**Incompatible materials:** oxidizing agents.

## 11. Toxicological information

**Acute toxicity**

Chemical name	LD <sub>50</sub> (oral) mg/kg(rat)	LD <sub>50</sub> (dermal) mg/kg(rabbit)
Quaternary compound	500	> 2000

## 12. Ecological information

**Ecotoxicological information:** Toxic to aquatic life

**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

**Product disposal:** Product is biodegradable, but introduction into bio-oxidation treatment may cause a reduction in effectiveness until the system acclimates to the material.

**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)

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

Chemical name	CAS No.
Quaternary compound	68391-01-5
Quaternary compound	

**California Proposition 65:** Contains no substances known to the State of California to cause cancer in quantities above the de minimus level.

**16. Other information**

**Reason for issue:** New Address

**Approved by:** H. Zeller

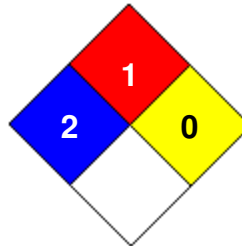
**Prepared by:** CSCC    **Date revised:** 07/17/2024

**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"/>	2
Flammability	<input type="checkbox"/>	1
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.