

# SAFETY DATA SHEET



Date issued : 07/02/2015  
SDS number : Oxy-Genic  
Date revised : 07/17/2024  
Revision number : 3

## OXY-GENIC

### 1. Identification

**Product code:** 5328  
**Product identifier:** OXY-GENIC  
**Relevant identified uses:** Bleaching Detergent

#### 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/Irritation (reversible), Category 2

Eye Damage/Irritation (Reversible), Category 2A

##### Label elements

Causes severe irritation and possibly burns to eyes. Causes moderate to severe irritation and possibly burns to skin. Burns may develop after exposure. 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.

H302: Harmful if swallowed.

H272: May intensify fire; oxidizer.

H335: May cause respiratory irritation.

#### Precautionary statement(s)

##### Prevention:

P102: Keep out of reach of children.

P103: Read carefully and follow all instructions.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P262: Do not get in eyes, on skin, or on clothing.

P361: Take off immediately all contaminated clothing.

P221: Take any precaution to avoid mixing with combustibles...

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

#### Emergency overview

**Immediate concerns:** Causes severe irritation and damage to eyes. Prolonged exposure can cause severe irritation and burns to skin. Mists and vapors can cause irritation to eyes, nose, and throat. Ingestion can irritate mouth, throat, and other tissues.

#### Potential health effects

**Eye:** Severely irritating and may cause temporary blurring of vision and temporary damage

**Skin:** Contact can cause severe skin irritation and possibly burns.

**Ingestion:** Causes irritation and burns to mouth, throat, esophagus, and gastrointestinal system .May cause

gastrointestinal discomfort, including nausea, vomiting, diarrhea, etc, and may be fatal.

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

### 3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Hydrogen Peroxide	3 - 4	7722-84-1
Other ingredients are not hazardous or are present at levels that do not present a significant hazard.	> 96	Mixture

### 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. 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). 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 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, tearing, redness, blurring and/or temporary loss of vision

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

**Ingestion:** Causes severe irritation and burns to mouth, throat, esophagus, and GI tract. 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. Glycerine can be applied to skin burns to relieve pain and stop further damage. Observe for toxic effects resulting from inhalation and/or skin contact and treat appropriately.

### 5. Fire-fighting measures

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

**General hazard:** Oxidizing material. Can release oxygen and accelerate the rate of combustion.

**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:** Oxides of carbon and hydrocarbon residues.

**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. 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 away from oxidizable organic materials (paper, fabric) and reducing agents. Keep containers closed when not in use.

**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 rubber, latex, or other chemical resistant gauntlet 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:** 2.5 to 3.5

**Notes:** as made

**Freezing point:** Same as water (approximately)

**Initial boiling point and boiling range:** Same as water (approximately)

**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:** 0.99 to 1.01

**Solubility:** Complete in all proportions.

**Decomposition temperature:** above 100 deg F (releases oxygen)

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

**Percent volatiles:** greater than 95%

## 10. Stability and reactivity

**Reactivity:** No

**Dangerous polymerization:** No

**Conditions to avoid:** Elevated temperatures (above 100 deg F). Keep from freezing.

**Possibility of hazardous reactions:** Oxidizer. Can react vigorously with reducing agents. If concentrated, may react with and ignite organic materials. Metals and oxides can cause hydrogen peroxide solution to decompose vigorously, releasing oxygen and possibly steam.

**Hazardous decomposition products:** Oxides of carbon and hydrocarbon residues, acrid fumes

**Incompatible materials:** Strong acids and bases, Chlorine bleach, oxidizable organics (paper, wood, fabric), oxidizing and reducing agents, metals such as iron (causes decomposition)

## 11. Toxicological information

**Acute toxicity**

**Notes:** No toxicity data available for product

## 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:** Rinse container thoroughly with water and recycle.

**RCRA/EPA waste information:** Not regulated

## 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 and skin irritation)

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

Chemical name	CAS No.
Hydrogen Peroxide	7722-84-1

**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 in quantities above the de minimus level.

**16. Other information**

**Reason for issue:** New Address

**Approved by:** H. Zeller

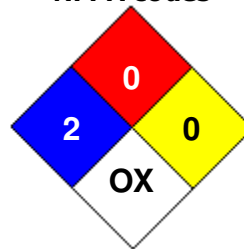
**Prepared by:** CSCC **Date revised:** 07/17/2024

**Revision summary:** This SDS replaces the 02/14/2022 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"/>	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.