

# SAFETY DATA SHEET



Date issued : 06/18/2015  
SDS number : 5803  
Date revised : 07/17/2024  
Revision number : 5

## JOHN-HENRY 2

### 1. Identification

**Product code:** 5803  
**Product identifier:** JOHN-HENRY 2  
**Relevant identified uses:** Alkaline Truck Wash (Part 2 of Two Step Wash System)

#### 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 1A

Skin Corrosion/Irritation (reversible), Category 2

#### Label elements

CORROSIVE: Causes severe irritation and can cause burns and permanent damage to eyes. Causes moderate to severe irritation and possibly burns to skin. Mists and spray can irritate eyes, nose, throat, and respiratory system. Ingestion can cause severe irritation, burns and tissue damage to mouth, throat, esophagus, and stomach. May be harmful or fatal if swallowed.



Irritant



Severe  
Irritant/Corrosive

**Signal word:** DANGER

#### Hazard statement(s)

H335: May cause respiratory irritation.

H314: Causes severe skin burns and eye damage.

H290: May be corrosive to metals.

#### Precautionary statement(s)

##### Supplemental label elements:

P102: Keep out of reach of children.

P103: Read carefully and follow all instructions.

##### Prevention:

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

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

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P270: Do not eat, drink or smoke when using this product.

P362+P364: Take off contaminated clothing and wash it before reuse.

##### Response:

6156HX6P: 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)

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

0505GPKQ: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (See First Aid Section for more detailed information).

2647OCLL: IF SWALLOWED: Immediately call a POISON CENTER, doctor, or other qualified medical personnel. (See First

Aid Section for more information) Rinse mouth. Do NOT induce vomiting.

**Storage:**

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

**Potential health effects**

**Eye:** Corrosive, contact causes severe eye burns.

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

**Ingestion:** Causes severe irritation and possibly burns to mouth, throat, esophagus, and gastrointestinal system. 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.
Synthetic Sodium Silicate	1.5	Proprietary
Ethoxylated Linear Alcohols	4.13	Proprietary
Organic chelate	~ 2	Proprietary
Sodium Hydroxide	< 2	1310-73-2
Aromatic Emulsifier	~ 2.2	Proprietary
Glycol ether	< 10	Proprietary
Other ingredients are not hazardous or are present at levels that do not present a significant hazard.	> 80	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. Wash with soap and water. Get medical attention if irritation or rash develops or persists or if symptoms of CNS depression develop or occur.

**Ingestion:** Get immediate emergency medical attention (Call 911). Rinse mouth with water. Do not induce vomiting unless instructed to do so by poison center or physician. Give water, milk, or dilute citrus juice unless unconscious or convulsing. Keep patient warm, quiet, and comfortable and 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 or permanent loss of vision. May cause burns to and around eyes.

**Skin:** Prolonged or repeated contact may produce irritation, redness, edema, burning or itching, rash, etc. Glycol ether can be absorbed by skin and product dizziness, nausea, vomiting, and other signs of CNS depression

**Ingestion:** Causes irritation to mouth, throat, esophagus, and GI tract. Can cause gastrointestinal discomfort, including nausea, vomiting, and diarrhea.

**Inhalation:** Vapors, spray or mists can irritate eyes, nose, throat, and respiratory tract. Vapors can cause dizziness, drowsiness, nausea, headache, drunkenness, vomiting, unconsciousness, and other anesthetic effects.

**Indication of immediate medical attention and special treatment needed, if necessary:** Treat symptomatically. If burns are present, treat for thermal burns.

**5. Fire-fighting measures**

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

**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, nitrogen, and sulfur, organosulfur, 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:** 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

### Exposure controls

Chemical name	Control parameters		Occupational exposure limit values	
	Type		ppm	mg/m <sup>3</sup>
Sodium Hydroxide	<b>OSHA PEL</b>	<b>TWA</b>		2
Glycol ether	<b>OSHA PEL</b>	<b>TWA</b>	50	240
	<b>ACGIH TLV</b>	<b>TWA</b>	20	97

**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.

**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, red liquid

**Odor:** mild, ether-like

**pH:** > 12.5

**Notes:** 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:** > (200°F)

**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:** 1.01 to 1.03

**Solubility:** Complete in all proportions.

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

**Percent volatiles:** 82 - 88% (w/w)

**VOC content:** ~ 9.5 percent (v/v)

## 10. Stability and reactivity

**Reactivity:** No

**Dangerous polymerization:** No

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

**Incompatible materials:** Concentrated acids, oxidizing agents, metals such as aluminum or zinc, amines, ammonia, organic materials, reducing agents

## 11. Toxicological information

### Acute toxicity

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

### Carcinogenicity

Chemical name	General Toxicity
Glycol ether	Confirmed animal carcinogen with unknown relevance to humans - Group A3

## 12. Ecological information

**Environmental data:** No data

## 13. Disposal considerations

**Disposal methods:** 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:** Triple rinse container thoroughly with water and recycle.

**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

### USA Department of Transport Regulations (DOT)

**UN proper shipping name:** UN1760, Corrosive Liquid, n.o.s. (contains Sodium Hydroxide), 8, III

### IMO / IMDG - International

**UN proper shipping name:** UN1760, CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE SOLUTION), 8, III

## 15. Regulatory information

### UNITED STATES

#### Dot label symbol and hazard classification



Corrosive

#### SARA Section 311/312 Hazard Categories

**311/312 Health hazards:** Acute health hazard (eye and skin irritation/corrosion)

#### CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Sodium Hydroxide	< 2	1,000

**CERCLA rq:** greater than 10000 lbs (as supplied)

### EPA

**EPA rq ingredient:** Sodium Hydroxide

**EPA rq product:** greater than 10000 lbs (as supplied)

### TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Sodium Hydroxide	1310-73-2
Aromatic Emulsifier	Proprietary
Glycol ether	Proprietary

**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:** New Address

**Approved by:** H. Zeller

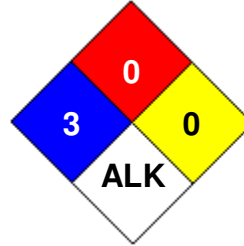
**Prepared by:** CSCC    **Date revised:** 07/17/2024

**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"/>	3
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.