

SAFETY DATA SHEET



Date Prepared : 06/18/2015
 SDS No : 5803
 Date Revised : 01/22/2017
 Revision No : 3

JOHN-HENRY 2

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: JOHN-HENRY 2
GENERAL USE: Alkaline Truck Wash (Part 2 of Two Step Wash System)
PRODUCT CODE: 5803

MANUFACTURER

JOHN-HENRY Enterprises, Inc.
 2813 Richland Ave
 Metairie, LA 70002
Emergency Contact: H. Zeller
Emergency Phone: 504-888-8989

24 HR. EMERGENCY TELEPHONE NUMBERS

US/Canada: 800-535-5053

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Eye Damage/Irritation (Reversible), Category 1A
 Skin Corrosion/Irritation (reversible), Category 2

GHS LABEL

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 STATEMENTS**

H335: May cause respiratory irritation.
 H314: Causes severe skin burns and eye damage.
 H290: May be corrosive to metals.

PRECAUTIONARY STATEMENTS**General:**

P102: Keep out of reach of children.
 P103: Read label before use.

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

EYES: 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	Wt.%	CAS
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

EYES: 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.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: 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.

NOTES TO PHYSICIAN: Treat symptomatically. If burns are present, treat for thermal burns.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not Applicable - Water based product with no flashpoint.

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

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.

STORAGE: Store in original containers in well ventilated area. Keep containers closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
Sodium Hydroxide	OSHA PEL	TWA		2
Glycol ether	OSHA PEL	TWA	50	240
	ACGIH TLV	TWA	20	97

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.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Avoid eye contact. Wear safety glasses or goggles

SKIN: Avoid prolonged or repeated contact. Wear rubber, latex, or other chemical resistant gloves.

RESPIRATORY: Use with adequate ventilation. Wear a NIOSH approved acid absorbing, air purifying respirator where fumes, mists or spray are excessive or exceed exposure limits.

WORK HYGIENIC 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

ODOR: mild, ether-like

APPEARANCE: clear, red liquid

pH: > 12.5

Notes: as made

PERCENT VOLATILE: 82 - 88% (w/w)

FLASH POINT AND METHOD: > (200°F)

VAPOR PRESSURE: Same as water (approximately)

VAPOR DENSITY: Same as water (approximately)

BOILING POINT: greater than 212 deg F

FREEZING POINT: less than 32 deg F (0 deg C)

SOLUBILITY IN WATER: Complete in all proportions.

EVAPORATION RATE: Same as water (approximately)

SPECIFIC GRAVITY: 1.01 to 1.03

VISCOSITY: Same as water (approximately)

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

10. STABILITY AND REACTIVITY**REACTIVITY:** No**HAZARDOUS POLYMERIZATION:** No**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, and nitrogen, organonitrogen, and 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 METHOD:** 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****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** UN1760, Corrosive Liquid, n.o.s. (contains Sodium Hydroxide), 8, III**VESSEL (IMO/IMDG)****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 TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**311/312 HAZARD CATEGORIES:** Acute health hazard (eye and skin irritation/corrosion)**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)**

Chemical Name	Wt. %	CERCLA RQ
Sodium Hydroxide	< 2	1,000

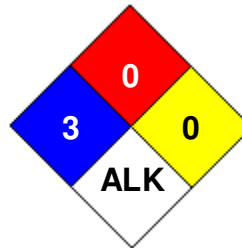
CERCLA RQ: greater than 10000 lbs (as supplied)

EPA**EPA RQ INGREDIENT:** Sodium Hydroxide**EPA RQ PRODUCT:** greater than 10000 lbs (as supplied)**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
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:** Revisions to SDS**APPROVED BY:** H. Zeller**PREPARED BY:** CSCC **Date Revised:** 01/22/2017**REVISION SUMMARY:** This SDS replaces the 02/29/2016 SDS. Revised: **Section 14:** DOT (DEPARTMENT OF TRANSPORTATION) - PROPER SHIPPING NAME.**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)

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