

## SAFETY DATA SHEET



Date Prepared : 5/14/2015  
SDS No : ECONO-WASH

## ECONO-WASH

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ECONO-WASH  
**GENERAL USE:** High pH Pre-Soak  
**PRODUCT CODE:** 5703

**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 2  
Skin Corrosion/Irritation (reversible), Category 2

**GHS LABEL**

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.



Eye/Skin/Respiratory  
Irritant

**SIGNAL WORD: WARNING****HAZARD STATEMENTS**

H319: Causes serious eye irritation.  
H315: Causes skin irritation.  
H335: May cause respiratory irritation.

**PRECAUTIONARY STATEMENTS****Prevention:**

P102: Keep out of reach of children.  
P103: Read label before use.  
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.  
75990X3S: Keep only in original container. Store in a well-ventilated place. 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**

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

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

**INGESTION:** Causes irritation 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
Organic chelate	< 3	Proprietary
Other ingredients are not hazardous or are present at levels that do not present a significant hazard.	> 97	mixture

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for 15 minutes or until discomfort eases. Get medical attention if irritation persists.

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

**INGESTION:** Get immediate emergency medical attention (Call 911). 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:** Moderate to severe irritation, including copious tearing, stinging, burning, temporary blurring of vision

**SKIN:** Prolonged exposure can cause moderate to severe irritation and possibly burns.

**INGESTION:** Causes irritation 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.

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

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not Applicable

**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 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:** Read and understand product label and SDS before handling any chemical. Always wear recommended personal protective equipment. Follow label instructions.

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

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Maintain sufficient ventilation in storage and use areas to prevent the accumulation of product vapors, 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 air purifying respirator where vapors, 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, characterisic detergent odor

**APPEARANCE:** clear, pale amber liquid

**pH:** 12.0 to 13.0

**Notes:** (5%)

**PERCENT VOLATILE:** greater than 90% (w/w)

**FLASH POINT AND METHOD:** Not Applicable

**VAPOR PRESSURE:** Same as water (approximately)

**VAPOR DENSITY:** Same as water (approximately)

**BOILING POINT:** 210 - 215 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:** 1.015 to 1.025

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

**(VOC):** < 0.100 percent

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**POSSIBILITY OF HAZARDOUS REACTIONS:** May react with soft metals such as zinc or magnesium (releases hydrogen, a flammable gas)

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, nitrogen, and sulfur, organosulfur, organonitrogen, and and hydrocarbon residues

**INCOMPATIBLE MATERIALS:** Concentrated acids and oxidizing agents

## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Severe irritation, pain, burns, temporary or permanent loss of vision.

**SKIN EFFECTS:** Prolonged or repeated exposure can cause moderate to severe irritation. dermatitis, rash, sensitization. Prolonged one time exposure may cause burns.

**CARCINOGENICITY**

**Notes:** Contains no known or suspected carcinogens.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No data

**GENERAL COMMENTS:** All surfactants are readily biodegradable.

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

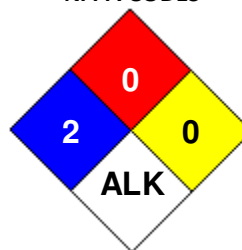
**RCRA/EPA WASTE INFORMATION:** Unused or undiluted product would constitute an RCRA regulated hazardous waste due to corrosivity (CORROSIVE WASTE - D002, pH equal to or greater than 12.5)

**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Not regulated**VESSEL (IMO/IMDG)****SHIPPING NAME:** Not regulated**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Acute health hazard (eye and skin irritation)**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA RQ:** greater than 10000 lbs (as supplied)**EPA****EPA RQ INGREDIENT:** Not Applicable**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Synthetic Sodium Silicate	Proprietary
Ethoxylated Linear Alcohols	Proprietary
Aryl sulfonate salt	Proprietary

**TSCA STATUS:** All ingredients are included on the TSCA Inventory or are exempt**16. OTHER INFORMATION****REASON FOR ISSUE:** Convert to GHS format**APPROVED BY:** H. Zeller**PREPARED BY:** CSCC **Date Prepared:** 5/14/2015**HMIS RATING**

<b>HEALTH</b>	<input type="text" value="2"/>
<b>FLAMMABILITY</b>	<input type="text" value="0"/>
<b>PHYSICAL HAZARD</b>	<input type="text" value="0"/>
<b>PERSONAL PROTECTION</b>	<input checked="" type="checkbox"/>

**NFPA CODES**

**GENERAL STATEMENTS:** Amounts specified 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.