SAFETY DATA SHEET

JOHN-HENRY ENTERPRISES, INC.

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 disconfort, 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 dscomfort 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, characerisitc 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 ont the TSCA Inventory or are exempt

16. OTHER INFORMATION

REASON FOR ISSUE: Convert to GHS format

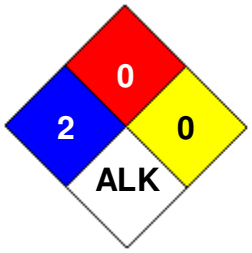
APPROVED BY: H. Zeller

PREPARED BY: CSCC **Date Prepared:** 5/14/2015

HMIS RATING

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

NFPA CODES



GENERAL STATEMENTS: Amounts specified herein (other than for regulatory purposes) are typical and do not represent a specification. Unspecified or unlistedcomponents are proprietary, do not present a hazard at levels present, are not hazardous, and/or are present lt levels below reportable limits. Exact percentage valuse for all components are proprietary in accordance with 29 CFR 1910.1200(i)

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