

## SAFETY DATA SHEET



Date Issued : 02/06/2023

SDS No : ECO-BLAST

## ECO-BLAST

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ECO-BLAST  
**GENERAL USE:** Cement Truck Cleaner  
**PRODUCT CODE:** 9115

**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:**

Skin Corrosion/Irritation, Category 2  
 Eye Corrosion, Category 1

**GHS LABEL**

CORROSIVE. Causes severe irritation and burns to skin. Causes severe burns and damage to eyes. Mists and spray can be irritating to eyes, nose, throat, and respiratory tract. Harmful or fatal if swallowed.



Severe  
 Irritant/Corrosive

**SIGNAL WORD:** DANGER**HAZARD STATEMENTS**

H314: Causes severe skin burns and eye damage.

**PRECAUTIONARY STATEMENTS****General:**

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

**Prevention:**

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 2828VC61: Avoid eye contact  
 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:**

2656A80K: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER  
 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.  
 28042MX6: IF SWALLOWED: Immediately call a POISON CENTER or doctor immediately. Rinse mouth. Do NOT induce vomiting.

**Storage:**

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

### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** clear, colorless liquid

### POTENTIAL HEALTH EFFECTS

**EYES:** Severely irritating and may cause temporary blurring of vision and temporary damage. May cause burns and permanent damage.

**SKIN:** Prolonged contact can cause severe skin irritation and possible 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. Vapors and mists can cause irritation, dizziness, drowsiness, headache, and other central nervous system depression

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
2-hydroxyethanoic acid	10 - 20	79-14-1
Proprietary Additive	< 3	mixture

### 4. FIRST AID MEASURES

**EYES:** Gently hold eyelids open and flush with water for at least 15 minutes. Consult a physician. Remove contact lenses if possible. Continue flushing eyes while transporting for medical treatment.

**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 milk or water and milk of magnesia or other antacid tablets 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.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Severe irritation or pain, tearing, redness, loss of vision.May cause burns to and around eyes.

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

**INGESTION:** Harmful or fatal if swallowed. Can cause irritation, gastric upset, burns and damage (corrosion) to mouth, throat, esophagus and gastrointestinal tract.

**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. Symptoms may be delayed.

### 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, CO2, or dry chemical to extinguish burning solids.

**HAZARDOUS COMBUSTION PRODUCTS:** CO2, carbon monoxide, smoke

**FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus when fighting chemical fires.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Will not occur

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wear recommended PPE. Collect spilled product for reuse or disposal. Rinse spill area with water

**LARGE SPILL:** Wear appropriate PPE. Remove uninvolved personnel from the area. Stop and contain flow and keep spilled material from entering sewer or surface waterways. Collect spilled material and store in suitable, properly labeled containers for use or disposal. Rinse spill area thoroughly with water or a dilute alkaline solution. Caution: Spill area may be slippery if residues are not removed.

#### ENVIRONMENTAL PRECAUTIONS

**LAND SPILL:** Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If product contaminates rivers, lakes, or drains, inform the proper authorities.

**GENERAL PROCEDURES:** Neutralize with chalk, alkali solution or ammonia. Soak up with inert material (sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE**

**HANDLING:** Avoid contact with eyes and skin. Avoid exposure to dusts, mists or sprays. 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 away from strong alkalis or oxidizing materials. Keep containers tightly 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 <sup>3</sup>
2-hydroxyethanoic acid	Supplier OEL	TWA	10

**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:** Wear acid resistant outer garments, impermeable boots and gloves when handling.

**RESPIRATORY:** No personal respiratory equipment normally required.

**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

**APPEARANCE:** clear, colorless liquid

**pH:** 1.5 to 2

**Notes:** as made

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

**FLASH POINT AND METHOD:** Not applicable - water based product

**VAPOR PRESSURE:** No data available.

**VAPOR DENSITY:** No data available.

**BOILING POINT:** greater than 100 deg C

**FREEZING POINT:** Not Applicable

**MELTING POINT:** Not Applicable

**THERMAL DECOMPOSITION:** Not determined

**SOLUBILITY IN WATER:** Compltr in all proportions, in hot or cold water

**EVAPORATION RATE:** Same as water (approximately)

**SPECIFIC GRAVITY:** 1.067

**VISCOSITY:** Not determined

**(VOC):** percent (w/w)

**10. STABILITY AND REACTIVITY**

**REACTIVITY:** Stable at ambient temperatures and under normal conditions of use

**HAZARDOUS POLYMERIZATION:** Will not occur

**STABILITY:** Stable under recommended storage conditions

**CONDITIONS TO AVOID:** Not determined

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon monoxide, carbon dioxide, unburned hydrocarbons (smoke), and organic substances.

**INCOMPATIBLE MATERIALS:** Strong bases, oxidizing agents

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

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

**Skin corrosion/irritation:** Extremely corrosive and destructive to tissues (rabbit)

**Serious eye damage/irritation:** May cause irreversible damage

**Respiratory or skin sensitisation:** No data available.

**Germ cell mutagenicity:** No data available.

**Reproductive toxicity:** No data available.

**STOT-single exposure:** No data available.

**STOT-repeated exposure:** No data available.

**Aspiration Hazard:** No data available.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No data available.

**ECOTOXICOLOGICAL INFORMATION:** No data available.

**BIOACCUMULATION/ACCUMULATION:** No data available.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Non hazardous material. Dispose in accordance with applicable local, state, and Federal regulations.

**FOR LARGE SPILLS:** See Section 6

**EMPTY CONTAINER:** Triple rinse container thoroughly with water and recycle.

**RCRA HAZARD CLASS:** D002 - Corrosive (pH less than 2.5)

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** UN3265, Corrosive liquid, acidic, organic, n.o.s., (HYDROXYACETIC ACID), 8, III

**PRIMARY HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** 3265

**PACKING GROUP:** III

**PLACARDS:** Corrosive

**LABEL:** Corrosive

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** UN1760, CORROSIVE LIQUID, N.O.S. (contains hydrofluoric acid and hydrochloric acid), 8 (6.1), II

## 15. REGULATORY INFORMATION

### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** Eye Irritation, Not determined, Serious Eye Damage, Skin Corrosion, Skin Irritation

**313 REPORTABLE INGREDIENTS:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels, established by SARA Title III, Section 313.

#### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** This material does not contain any components with a Section 304 EHS RQ

**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** This material does not contain any components with a CERCLA RQ

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
2-hydroxyethanoic acid	79-14-1

**TSCA REGULATORY:** All components of this product are on the TSCA Inventory

**CALIFORNIA PROPOSITION 65:** Contains no substances known to the State of California to cause cancer, birth defects, or reproductive harm.

**CANADA**

**DOMESTIC SUBSTANCE LIST (INVENTORY):** All components of this product are on the Canadian DSL

**16. OTHER INFORMATION**

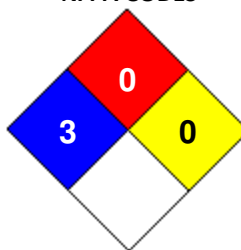
**REASON FOR ISSUE:** Convert to GHS format

**APPROVED BY:** H. Zeller

**PREPARED BY:** hz **Date Prepared:** 02/06/2023

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>3</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input checked="" type="checkbox"/>	<b>X</b>

**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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