

## SAFETY DATA SHEET



Date Prepared : 01/23/2016  
SDS No : 8514

## 1. PRODUCT AND COMPANY IDENTIFICATION

**GENERAL USE:** Freezer Cleaner  
**PRODUCT CODE:** 8514

**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 Irritation, Category 2A  
Target Organ Toxicity (Single exposure), Category 3

**Physical:**

Flammable Liquids, Category 2

**GHS LABEL**

Irritant

Flammable  
Liquid

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS**

H225: Highly flammable liquid and vapour.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.

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

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

**Prevention:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233: Keep container tightly closed.  
P240: Ground and bond container and receiving equipment.  
P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.  
P243: Take action to prevent static discharges.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264: Wash thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370+P378: In case of fire: Use water or dry chemical to extinguish.

**Storage:**

80428HEF: Keep only in original container. Store in a well-ventilated place. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Disposal:**

P501: Dispose of contents/container to hazardous or special waste collection point.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Moderately to severely irritating and may cause temporary blurring of vision.

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

**INGESTION:** May cause gastrointestinal discomfort, including nausea, vomiting, diarrhea, etc. May cause dizziness, drowsiness, headache, and other CNS depressive effects.

**INHALATION:** Vapors and mists may irritate eyes, nose, and throat and can cause irritation, dizziness, drowsiness, headache, and other central nervous system depression

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Alcohol	~ 95	Proprietary
Glycol ether	< 4	Proprietary
Other ingredients are not hazardous or are present at levels that do not present a significant hazard.		~ 2 Proprietary

**4. FIRST AID MEASURES**

**EYES:** Gently hold eyelids open and flush with water for 15 minutes or until discomfort eases. Remove contact lenses if possible. Seek medical attention if irritation persists or vision remains blurred.

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

**INGESTION:** Get immediate medical attention (call 911). Keep patient warm, calm, and quiet. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** If affected by vapors, spray or mist, move to fresh air. Seek medical attention if symptoms persist or worsen. If breathing is difficult, give oxygen and get immediate medical attention.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Moderate to severe irritation, including copious tearing, stinging, burning, temporary blurring of vision

**SKIN:** Prolonged or repeated contact may produce mild irritation, including redness, burning or itching, rash, etc. Product can be absorbed by skin and product dizziness, nausea, vomiting, and other signs of CNS depression

**SKIN ABSORPTION:** Skin absorption may cause dizziness, drowsiness, nausea, vomiting, headache, and other symptoms similar to inhalation.

**INGESTION:** Causes irritation to mouth, throat, esophagus, and GI tract. Can cause gastrointestinal discomfort, including nausea, vomiting, and diarrhea. May produce anesthetic effects such as dizziness, nausea, etc.

**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.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** GHS Category - 2; US DOT - Flammable Liquid; OSHA - Flammable Liquid

**EXTINGUISHING MEDIA:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon and hydrocarbon residues.

**FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus when fighting chemical fires. Use water fog or spray to cool containers and/or disperse product vapors.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Wear recommended PPE. Ventilate the area and remove uninvolved personnell. Extinguish nearby sources of ignition. Contain and absorb spilled material. Dispose of contaminated absorbant properly. Wash spill area with warm water.

**LARGE SPILL:** Wear appropriate PPE. Stop flow. Ventilate the area and extinguish nearby sources of ignition. Remove uninvolved personnel from area. Contain spill and keep from entering sewer or surface waterways. Collect spill into suitable, properly labeled containers for use or disposal. Wash spill area with water or detergent solution.

## 7. HANDLING AND STORAGE

**HANDLING:** Read and understand label and SDS before handling any chemical. Use only in well ventilated areas away from ignition sources. Ground and bond containers when pouring or transferring to another container. Open drums slowly to release accumulated pressure. Avoid contact with skin and eyes. Avoid breathing vapors or mists.

**STORAGE:** Store in original containers in a cool, well ventilated area away from heat, sparks, flame or other sources of ignition. Keep containers closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m <sup>3</sup>
Alcohol	OSHA PEL	TWA	400	980
	ACGIH TLV	TWA	200	490
		STEL	400	960
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, 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 rubber, latex, or other chemical resistant gauntlet gloves.

**RESPIRATORY:** Use with adequate ventilation. Wear a NIOSH approved multi-purpose 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:** strong, alcohol

**APPEARANCE:** clear, colorless liquid

**pH:** 6.0 to 8.0

**Notes:** (5% in water)

**PERCENT VOLATILE:** Greater than 98%

**FLASH POINT AND METHOD:** ~ (54°F) closed cup

**FLAMMABLE LIMITS:** 12.7% (v/v) to 2% (v/v)

**AUTOIGNITION TEMPERATURE:** 425°C

**VAPOR PRESSURE:** 58.7 hPa at 77 deg F

**VAPOR DENSITY:** Heavier than air

**BOILING POINT:** 82°C

**FREEZING POINT:** No data

**SOLUBILITY IN WATER:** Complete in all proportions.

**EVAPORATION RATE:** 3.0

**SPECIFIC GRAVITY:** 0.78 to 0.79

(VOC): > 98.000 percent (w/w)

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No known reactions.

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Avoid exposure to sources of heat or ignition

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon and hydrocarbon residues, acrid fumes

**INCOMPATIBLE MATERIALS:** oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

**DERMAL LD<sub>50</sub>:** ~ 12800 mg/kg (rabbit)

**ORAL LD<sub>50</sub>:** ~ 5.045 g/kg (rat)

**INHALATION LC<sub>50</sub>:** ~ 16000 ppm (rat - 8 hr)

**Skin corrosion/irritation:** Mild skin irritation (rabbit)

**Serious eye damage/irritation:** Eye irritation - 24 h (rabbit)

### CARCINOGENICITY

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

## 12. ECOLOGICAL INFORMATION

### AQUATIC TOXICITY (ACUTE)

**96-HOUR LC<sub>50</sub>:** ~ 9640 mg/l (fathead minnow)

**48-HOUR EC<sub>50</sub>:** ~ 5102 mg/l (daphnia)

**96-HOUR EC<sub>50</sub>:** ~ 2000 mg/l (green algae) - 72 h

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or disperse into a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**FOR LARGE SPILLS:** See Section 6

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

**RCRA HAZARD CLASS:** D001 - Flammable (flashpoint < 140 deg F)

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** UN1993, Flammable Liquid, n.o.s. (contains 2-propanol), 3, II

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** UN1993, FLAMMABLE LIQUID, N.O.S. (contains 2-propanol), 3, PG II

**EmS:** F-E, S-D

## 15. REGULATORY INFORMATION

### UNITED STATES

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

**311/312 HAZARD CATEGORIES:** Fire; Acute health

**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** Isopropanol

**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt. %	CAS
Alcohol	~ 95	Proprietary

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Alcohol	Proprietary
Glycol ether	Proprietary

**TSCA STATUS:** All other 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 Product

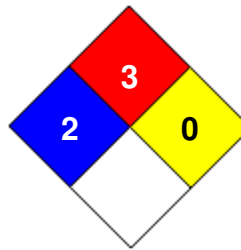
**APPROVED BY:** H. Zeller

**PREPARED BY:** CSCC **Date Prepared:** 01/23/2016

**HMIS RATING**

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION	<input checked="" type="checkbox"/>	

**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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