

## SAFETY DATA SHEET



Date Prepared : 01/31/2016  
SDS No : 5401

## RUST AWAY

## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RUST AWAY  
PRODUCT CODE: 5401

## 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 Corrosion, Category 2  
Skin Corrosion/Irritation, Category 2A

## Physical:

Corrosive to Metals, Category 4

## GHS LABEL



Irritant



CORROSIVE

## SIGNAL WORD: DANGER

## HAZARD STATEMENTS

H319: Causes serious eye 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:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P262: Do not get in eyes, on skin, or on clothing.  
9913FBB7: Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

## Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER, doctor, or other qualified medical personnel. (See Section 4 for more details)

## Storage:

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

**Disposal:**

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

**POTENTIAL HEALTH EFFECTS**

**EYES:** Can cause serious eye irritation, burns, and damage

**SKIN:** Prolonged contact may cause severe skin irritation and possible 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 or sprays can be moderately to severely irritating to eyes and respiratory tract.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Phosphoric Acid	45 - 50	7664-38-2
Glycol ether	2 - 4	Proprietary
Other ingredients are not hazardous or are present at levels that do not present a significant hazard.		> 45 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. 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 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 vapors, spray or mist, move to fresh air. Seek medical attention if symptoms persist or worsen. Give oxygen if breathing is difficult and seek prompt medical attention.

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

**INGESTION:** Causes severe irritation and burns to mouth, throat, esophagus, and GI tract. Can cause gastrointestinal discomfort, including nausea, vomiting, and diarrhea.

**INHALATION:** Spray or mists can severely irritate eyes, nose, throat, and respiratory tract causing coughing, sneezing, difficulty breathing, etc. Inhalation can damage tissues of nose, throat, and upper respiratory system.

**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 and phosphorus, organophosphorus 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:** Wear recommended PPE. Contain and absorb spilled material. Dispose of contaminated absorbant properly. Wash spill area with detergent solution.

**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. Avoid prolonged exposure to mists and 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>
Phosphoric Acid	OSHA PEL	TWA		1
	ACGIH TLV	TWA		1
		STEL		
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:** Wear safety glasses or goggles and face shield (recommended) when handling.

**SKIN:** Wear rubber, latex, or other chemical resistant gauntlet gloves and boots

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

**PROTECTIVE CLOTHING:** Wear chemically resistant rain suit if there is a possibility of exposure to spray or heavy mists

**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, colorless liquid

**pH:** < 2

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

**PERCENT VOLATILE:** approximately 50%

**FLASH POINT AND METHOD:** No flashpoint

**FLAMMABLE LIMITS:** Not Applicable

**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:** 1.26 to 1.28 at 25°C

**(VOC):** < 3.000

**10. STABILITY AND REACTIVITY**

**REACTIVITY:** Reactive with alkaline materials. Reacts with metals.

**HAZARDOUS POLYMERIZATION:** Will not occur

**STABILITY:** Stable under recommended storage conditions

**POSSIBILITY OF HAZARDOUS REACTIONS:** Reacts with metals (releases hydrogen, a flammable gas). Reacts vigorously with concentrated alkalis to generate acidic steam.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Phosphine, oxides of carbon and phosphorus, organophosphorus and hydrocarbon residues

**INCOMPATIBLE MATERIALS:** Strong alkalis (bases), chlorine bleach, oxidizing and reducing agents, metals such as zinc or magnesium (releases hydrogen gas)

## 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 available data for product

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

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** UN1760, Corrosive Liquid, N.O.S. (contains phosphoric acid), 8, II

**REPORTABLE QUANTITY (RQ) UNDER CERCLA:** greater than 10000 lbs (as supplied)

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** UN1760, CORROSIVE LIQUID, N.O.S. (PHOSPHORIC ACID SOLUTION), 8, II

**EmS:** F-A, S-B

## 15. REGULATORY INFORMATION

### UNITED STATES

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

**311/312 HAZARD CATEGORIES:** Acute health hazard (eye and skin irritation/corrosion), Reactivity

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

**313 REPORTABLE INGREDIENTS:** Phosphoric Acid

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

Chemical Name	Wt. %	CERCLA RQ
Phosphoric Acid	45 - 50	5,000

**CERCLA RQ:** greater than 10000 lbs (as supplied)

**EPA**

**EPA RQ INGREDIENT:** Phosphoric Acid

**EPA RQ PRODUCT:** greater than 10000 lbs (as supplied)

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Phosphoric Acid	7664-38-2
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

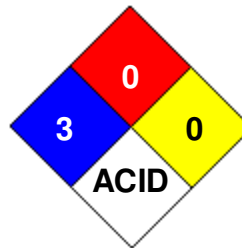
**APPROVED BY:** H. Zeller

**PREPARED BY:** CSCC **Date Prepared:** 01/31/2016

**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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