

## SAFETY DATA SHEET



Date Prepared : 06/24/2015

SDS No : 7009

## INDUSTRIAL PURPLE

## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: INDUSTRIAL PURPLE

PRODUCT CODE: 7009

## MANUFACTURER

JOHN-HENRY Enterprises, Inc.

2813 Richland Ave

Metairie, LA 70002

Emergency Contact: H. Zeller

Emergency Phone: 504-888-8989

## 2. HAZARDS IDENTIFICATION

## GHS CLASSIFICATIONS

Corrosive to Metals, Category 2

## Health:

Eye Corrosion, Category 1A

Skin Corrosion, Category 2

## 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.



CORROSIVE

## SIGNAL WORD: DANGER

## HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H290: May be corrosive to metals.

## PRECAUTIONARY STATEMENTS

## General:

P102: Keep out of reach of children.

P103: Read label before use.

## Prevention:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P262: Do not get in eyes, on skin, or on clothing.

P363: Wash contaminated clothing before reuse.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

## Storage:

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

## EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Causes severe irritation and burns to skin. Causes severe irritation, burns, and damage to eyes. Mists and vapors can cause irritation to eyes, nose, throat, and respiratory tract. Ingestion can damage mouth, throat, and other tissues and may be fatal.

## POTENTIAL HEALTH EFFECTS

**EYES:** Corrosive, contact causes severe eye burns.

**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 or sprays can be moderately to severely irritating to eyes and respiratory tract.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Phosphoric Acid	35 - 40	7664-38-2
Other ingredients are not hazardous or are present at levels that do not present a significant hazard.		> 60 mixture

### 4. FIRST AID MEASURES

**EYES:** Treat eye contact and a medical emergency. Gently hold eyelids open and immediately flush eyes with water for at least 15 minutes or until pain eases. Remove contact lenses if possible. Cover eyes loosely with sterile dressing and SEEK IMMEDIATE MEDICAL ATTENTION.

**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:** Causes 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:** Spray or mists can severely irritate eyes, nose, throat, and respiratory tract causing coughing, sneezing, difficulty breathing, etc.

**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.

**GENERAL HAZARD:** Boiling product can release irritating, acidic fumes.

**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:** Oxides of carbon and hydrocarbon residues, and acidic 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 and knock down acidic vapors.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wear recommended PPE. 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:** Avoid contact with eyes and prolonged contact with skin. 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 alkalies 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			
			OSHA PEL		ACGIH TLV	
Chemical Name			ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Phosphoric Acid			TWA	1		1
			STEL			3

**ENGINEERING CONTROLS:** Maintain sufficient ventilation in storage and use areas to prevent the accumulation of dusts or 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 when handling.

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

**RESPIRATORY:** Use with adequate ventilation. Wear a NIOSH approved acid absorbing, air purifying respirator where 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, characterisitc detergent odor

**APPEARANCE:** clear, purple liquid

**pH:** < 2.0

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

**PERCENT VOLATILE:** 60 - 65% (w/w)

**FLASH POINT AND METHOD:** No flashpoint

**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:** slower than water

**SPECIFIC GRAVITY:** 1.19 to 1.21

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No

**HAZARDOUS POLYMERIZATION:** No

**POSSIBILITY OF HAZARDOUS REACTIONS:** Reacts with metals such as aluminum or zinc (releases hydrogen, a flammable gas). Reacts vigorously with concentrated acids (generating heat and steam)

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

**INCOMPATIBLE MATERIALS:** Concentrated alkalis and oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

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

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

**SKIN EFFECTS:** Moderate to severe irritation, burns, damage to underlying tissues, and scarring.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No data

## 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/EPA WASTE INFORMATION:** Unused or undiluted product would constitute an RCRA regulated hazardous waste due to corrosivity (CORROSIVE WASTE - D002, pH equal to or less than 2.0)

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** UN1805, PHOSPHORIC ACID SOLUTION, 8, III

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

**PLACARDS:** Corrosive

**LABEL:** Corrosive

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** UN1805, PHOSPHORIC ACID SOLUTION, 8, III

**PLACARDS:** Corrosive

**LABEL:** Corrosive

## 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)

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

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

Chemical Name	Wt. %	CERCLA RQ
Phosphoric Acid	35 - 40	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

**TSCA STATUS:** All other ingredients are included on the TSCA Inventory or are exempt

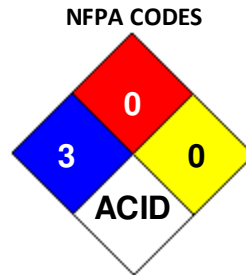
**CALIFORNIA PROPOSITION 65:** Contains no substances known to the State of California to cause cancer, birth defects, or reproductive harm.

## 16. OTHER INFORMATION

**APPROVED BY:** H. Zeller

PREPARED BY: CSCC Date Prepared: 06/24/2015

HMIS RATING	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X



**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).

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