

## SAFETY DATA SHEET



Date Prepared : 02/11/2016

SDS No : 5414

Date Revised : 01/22/2017

Revision No : 3

## GO-PHER

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** GO-PHER**GENERAL USE:** Acid Cleaner**PRODUCT CODE:** 5414**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:**

Acute Toxicity (Oral), Category 4

Skin Corrosion/Irritation, Category 1A

Eye Corrosion, Category 1

Target Organ Toxicity (Single exposure) - Respiratory system, Category 3

**Physical:**

Corrosive to Metals, Category 1

**GHS LABEL**

Irritant

Severe  
Irritant/Corrosive**SIGNAL WORD:** DANGER**HAZARD STATEMENTS**

H314: Causes severe skin burns and eye damage.

H302 + H332: Harmful if swallowed or if inhaled.

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.

P270: Do not eat, drink or smoke when using this product.

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

P273: Avoid release to the environment.

9913FBB7: Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

**Response:**

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Storage:**

71797F9V: Keep only in original container. Store in a well-ventilated place. Keep container tightly closed. Store away from incompatible materials (See Section 10 of SDS)

**Disposal:**

P501: Dispose of contents/container to ...

**POTENTIAL HEALTH EFFECTS**

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

**SKIN:** Corrosive, causes skin burns and severe irritation

**INGESTION:** Causes irritation, burns, and damage to mouth, throat, esophagus, and stomach. Ingestion may result in damage to kidneys and could be fatal.

**INHALATION:** Harmful if inhaled. Can cause severe irritation and damage to nose, throat, and upper respiratory tract. May cause lung damage

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt. %	CAS
Muriatic acid, 32%	60 - 65	7647-01-0
Oxalic Acid	8 - 12	144-62-7
Other ingredients are not hazardous or are present at levels that do not present a significant hazard.	> 33	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 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 dusts, 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, blurring and loss of vision, burns and/or permanent damage.

**SKIN:** Severe irritation and burns.

**INGESTION:** Causes irritation and corrosion of mouth, throat, and stomach with pain and vomiting. May cause acute renal failure (blockage of renal tubules by calcium oxalate).

**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. Observe patient for renal failure

**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:** Boiling material will produce acid fumes

**EXPLOSION HAZARDS:** Containers can burst if exposed to flames or high temperatures releasing acidic steam and mists.

**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.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Will not occur

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wear recommended PPE. Ventilate the area and remove uninvolved personnel. Contain and absorb spill. Avoid runoff into storm sewers and ditches which lead to waterways. Rinse spill area with water or dilute alkaline solution. Dispose of contaminated absorbent material properly.

**LARGE SPILL:** Wear appropriate PPE. Ventilate the area and 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.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Do not discharge to or allow to enter surface waterways, drains, or public sewers

## 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>
Muriatic acid, 32%	OSHA PEL	TWA	5 (ceiling)	
	ACGIH TLV	TWA	2 (ceiling)	

**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:** 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 fumes, 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:** Sharp, pungent, acidic

**APPEARANCE:** clear, colorless liquid

**pH:** < 2.0

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

**PERCENT VOLATILE:** approximately 90%

**FLASH POINT AND METHOD:** none

**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)

**DENSITY:** 9.09 lbs/gal

**10. STABILITY AND REACTIVITY**

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

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** Elevated temperatures (above 100 deg F)

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

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon and hydrocarbon residues. Hydrogen chloride

**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**

**ORAL LD<sub>50</sub>:** > 900 mg/kg (rabbit)

**INHALATION LC<sub>50</sub>:** > 3124 mg/l, 1 hr (rat)

**Skin corrosion/irritation:** Severely irritating and/or corrosive (concentrate)

**Serious eye damage/irritation:** Severely irritating and/or corrosive

**STOT-single exposure:** Fumes are highly irritating to respiratory system

**12. ECOLOGICAL INFORMATION****AQUATIC TOXICITY (ACUTE)**

**96-HOUR LC<sub>50</sub>:** > 290 mg/l (mosquito fish)

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Unused or undiluted product constitutes a hazardous waste. Follow all appropriate local, state, and Federal disposal regulations. 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 hydrochloric acid), 8, II

**REPORTABLE QUANTITY (RQ) UNDER CERCLA:** 8000 lbs (as supplied)

**VESSEL (IMO/IMDG)**

**TECHNICAL NAME:** UN1789, HYDROCHLORIC ACID SOLUTION, N.O.S., 8, PG II

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

**15. REGULATORY INFORMATION****UNITED STATES****DOT LABEL SYMBOL AND HAZARD CLASSIFICATION**

Corrosive

**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

**SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR370):** 4000 lbs (as supplied)

**313 REPORTABLE INGREDIENTS:** Hydrochloric acid**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt. %	CAS
Muriatic acid, 32%	60 - 65	7647-01-0

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

Chemical Name	Wt. %	CERCLA RQ
Muriatic acid, 32%	60 - 65	5,000

CERCLA RQ: 8000 lbs (as supplied)

**EPA**

EPA RQ INGREDIENT: Hydrochloric acid

EPA RQ PRODUCT: 8000 lbs (as supplied)

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Muriatic acid, 32%	7647-01-0
Oxalic Acid	144-62-7

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

**CLEAN AIR ACT**

Chemical Name	Wt. %	CAS
Muriatic acid, 32%	60 - 65	7647-01-0

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: Revisions to SDS

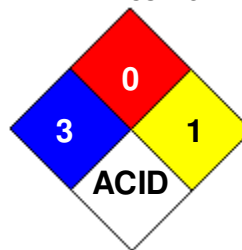
APPROVED BY: H. Zeller

PREPARED BY: CSCC Date Revised: 01/22/2017

REVISION SUMMARY: This SDS replaces the 01/18/2017 SDS.

**HMIS RATING**

HEALTH	<input type="checkbox"/>	3
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	1
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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