

SAFETY DATA SHEET



Date Prepared : 08/25/2015
 SDS No : 9103
 Date Revised : 01/24/2017
 Revision No : 1

OXYL

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: OXYL
GENERAL USE: Lime, Scale, and Rust Remover
PRODUCT CODE: 9103

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 can cause burns and permanent damage to eyes. Causes moderate to severe irritation and possibly burns to skin. Dusts, mists or spray can irritate eyes, nose, throat, and respiratory system. Ingestion can cause severe irritation, burns and tissue damage to mouth, throat, esophagus, and stomach. May be harmful or fatal if swallowed.



Severe
 Irritant/Corrosive

SIGNAL WORD: DANGER**HAZARD STATEMENTS**

H314: Causes severe skin burns and eye damage.
 H300: Fatal if swallowed.

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.

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 |
|--|--------|-------------|
| Organic Acid | 7 - 10 | Proprietary |
| Sulfamic Acid | 3 - 5 | 5329-14-6 |
| Other ingredients are not hazardous or are present at levels that do not present a significant hazard. | > 87 | 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. Cover eyes loosely with sterile dressing and 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 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: 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. 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, nitrogen and sulfur, organosulfur ,organonitrogen and hydrocarbon residues and acid fumes

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.

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 ³ |
| Organic 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 rubber, latex, or other chemical resistant gauntlet gloves and boots

RESPIRATORY: Use with adequate ventilation. Wear a NIOSH approved multi-purpose air purifying respirator where dusts or solution 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: none

APPEARANCE: clear, colorless liquid

pH: 1.0 to 2.0

Notes: as made

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

FLASH POINT AND METHOD: Not applicable - water based product

VAPOR PRESSURE: 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: 0.99 to 1.01

(VOC): percent (w/w)

10. STABILITY AND REACTIVITY

REACTIVITY: Reactive with alkaline materials.

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under recommended storage conditions

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen, and sulfur, organosulfur, organonitrogen, and hydrocarbon residues, acidic or acrid fumes

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

STOT-single exposure: Kidneys, nervous system

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. 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 Sulfamic Acid), 8, III

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: Acute health hazard (eye and skin irritation/corrosion), Reactivity

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

TSCA (TOXIC SUBSTANCE CONTROL ACT)

| Chemical Name | CAS |
|---------------|-------------|
| Organic Acid | Proprietary |
| Sulfamic Acid | 5329-14-6 |

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: Convert to GHS format

APPROVED BY: H. Zeller

PREPARED BY: CSCC **Date Revised:** 01/24/2017

REVISION SUMMARY: This SDS replaces the 08/25/2015 SDS. Revised: **Section 14:** DOT (DEPARTMENT OF TRANSPORTATION) - PROPER SHIPPING NAME.

HMIS RATING

| | | |
|---------------------|---|---|
| HEALTH | | 3 |
| FLAMMABILITY | | 0 |
| PHYSICAL HAZARD | | 0 |
| PERSONAL PROTECTION | 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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