

SAFETY DATA SHEET



Date Prepared : 08/22/2016

SDS No : 5331

OXY-BLAST

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: OXY-BLAST

PRODUCT CODE: 5331

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 (reversible), Category 2

Eye Damage/Irritation (Reversible), Category 2A

GHS LABEL



Irritant

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H302: Harmful if swallowed.

H272: May intensify fire; oxidizer.

H335: May cause respiratory irritation.

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.

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

P362+P364: Take off contaminated clothing and wash it before reuse.

Response:

6156HX6P: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (See First Aid Section for more details)

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

80482HOP: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Storage:

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

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Causes severe irritation and damage to eyes. Prolonged exposure can cause severe irritation and burns to skin. Mists and vapors can cause irritation to eyes, nose, and throat. Ingestion can irritate mouth, throat, and other tissues.

POTENTIAL HEALTH EFFECTS

EYES: Severely irritating and may cause temporary blurring of vision and temporary damage

SKIN: Contact can cause severe skin irritation and possibly 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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Hydrogen Peroxide	3 - 4	7722-84-1
N-Alkyl (C12-18)-N,N,-dimethyl-N-benzyl Ammonium Chloride	< 1	68391-01-5
N-Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	< 1	68956-79-6

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 or milk unless unconscious or convulsing. Keep patient warm and comfortable. Treat for shock.

INHALATION: If affected by spray or mist, move to fresh air. Seek medical attention if symptoms persist or worsen.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Severe irritation or pain, tearing, redness, blurring and/or temporary loss of vision

SKIN: Causes 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 irritate eyes, nose, throat, and respiratory tract.

NOTES TO PHYSICIAN: Treat symptomatically. Glycerine can be applied to skin burns to relieve pain and stop further damage. Observe for toxic effects resulting from inhalation and/or skin contact and treat appropriately.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not Applicable - Water based product with no flashpoint.

GENERAL HAZARD: Oxidizing material. Can release oxygen and accelerate the rate of combustion.

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.

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 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 oxidizable organic materials (paper, fabric) and reducing agents. Keep containers closed when not in use.

STORAGE TEMPERATURE: Store at temperatures below 100 deg F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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.

RESPIRATORY: Use with adequate ventilation. Wear a NIOSH approved 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: mild, characterisitc detergent odor

APPEARANCE: clear, colorless liquid

pH: 2.5 to 3.5

Notes: as made

PERCENT VOLATILE: greater than 95%

VAPOR PRESSURE: Same as water (approximately)

VAPOR DENSITY: Same as water (approximately)

BOILING POINT: Same as water (approximately)

FREEZING POINT: Same as water (approximately)

THERMAL DECOMPOSITION: above 100 deg F (releases oxygen)

SOLUBILITY IN WATER: Complete in all proportions.

EVAPORATION RATE: Same as water (approximately)

SPECIFIC GRAVITY: 0.99 to 1.01

VISCOSITY: Same as water (approximately)

10. STABILITY AND REACTIVITY

REACTIVITY: No

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Elevated temperatures (above 100 deg F). Keep from freezing.

POSSIBILITY OF HAZARDOUS REACTIONS: Oxidizer. Can react vigorously with reducing agents. If concentrated, may react with and ignite organic materials. Metals and oxides can cause hydrogen peroxide solution to decompose vigorously, releasing oxygen and possibly steam.

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

INCOMPATIBLE MATERIALS: Strong acids and bases, Chlorine bleach, oxidizable organics (paper, wood, fabric), oxidizing and reducing agents, metals such as iron (causes decomposition)

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀
N-Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	500	> 2000

NOTES: No toxicity data available for product

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Not regulated as a hazardous material. Dispose in accordance with applicable local, state, and Federal regulations.

FOR LARGE SPILLS: See Section 6

EMPTY CONTAINER: Rinse container thoroughly with water and recycle.

RCRA/EPA WASTE INFORMATION: Not regulated

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: NOT REGULATED

VESSEL (IMO/IMDG)

SHIPPING NAME: NOT REGULATED

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute health hazard (eye and skin irritation)

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

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Hydrogen Peroxide	7722-84-1
N-Alkyl (C12-18)-N,N,-dimethyl-N-benzyl Ammonium Chloride	68391-01-5
N-Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	68956-79-6

TSCA STATUS: All 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 in quantities above the de minimus level.

16. OTHER INFORMATION

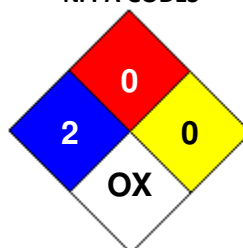
REASON FOR ISSUE: Revised formula

APPROVED BY: H. Zeller

PREPARED BY: CSCC Date Prepared: 08/22/2016

HMIS RATING

HEALTH	<input type="checkbox"/>	2
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)

MANUFACTURER DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. However, no liability whatsoever is assumed for its accuracy and/or completeness. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown health or physical hazards and should be used with caution. Certain hazards are described herein, but no guarantee is made that these are the only hazards associated with the material that exist.