

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name	Oxy-Chem
Manufacturer and Supplier	CHEM CLEAN LTD
Address:	#58-60 Century Drive Trincity Industrial Estate Macoya Trinidad and Tobago
Telephone Number	(868)-223-2436
Website:	www.chemclean.solutions
Recommended use:	Oxygenated Bleach
Restriction on use:	For specific intended-use guidance, please refer to the information provided on the package or Product Data Sheet.

2. HAZARDS IDENTIFICATION

GHS Classification

Eye irritation:	Category 2A
Skin irritation:	Category 2A

GHS Label element

Hazard pictograms:



Signal Word:	Warning
Hazard Statements:	Harmful if swallowed. Causes serious eye and skin irritation.
Precautionary Statements:	P102: Keep out of reach of children. P103: Read label before use. P264: Wash hands thoroughly after handling.

Prevention Precautionary Statements: P233: Keep container tightly closed.

Response Precautionary Statements: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists, get medical advice/attention.

IF ON SKIN: If a rash appears, get medical advice/attention.

Storage Precautionary Statements: Store in a closed container in a cool, dry place away from sunlight.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS	CHEMICAL NAME	% CONCENTRATION
7722-84-1	Hydrogen Peroxide	5-8

Any concentration shown as a range is to protect confidentiality.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. FIRST AID MEASURES

General Advice	<ul style="list-style-type: none"> ◆ Show this Safety Data Sheet to the Doctor in attendance
Skin Contact	<ul style="list-style-type: none"> ◆ Immediately remove contaminated clothing and wash before reuse ◆ Immediately flush skin with plenty of cool running water for at least 15 minutes ◆ Immediate Medical Attention is required if irritation persists, or burns develop
Eye Contact	<ul style="list-style-type: none"> ◆ In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. ◆ Keep eyes wide open while rinsing ◆ Immediate medical attention is required
Inhalation	<ul style="list-style-type: none"> ◆ If affected, move to fresh air and keep at rest ◆ If breathing is difficult, give oxygen

	<ul style="list-style-type: none"> ◆ If not breathing, give artificial respiration. Seek medical attention
Ingestion	<ul style="list-style-type: none"> ◆ Do not induce vomiting ◆ Rinse mouth thoroughly ◆ Never give anything by mouth to an unconscious person ◆ Immediate medical attention is required

5. FIRE-FIGHTING MEASURES

Flash Point	<ul style="list-style-type: none"> ◆ N/A
Suitable Extinguishing Media	<ul style="list-style-type: none"> ◆ DO NOT USE Carbon Dioxide Extinguisher or Organic Compounds on this Material ◆ Water – spray ◆ Alcohol-resistant foam
Extinguishing media which must not be used for safety reasons	<ul style="list-style-type: none"> ◆ N/A
Specific Hazards	<ul style="list-style-type: none"> ◆ Cool exposed containers with water spray to prevent pressure build-up ◆ Must wear NIOSH approved self-contained breathing apparatus and protective clothing ◆ To minimize noxious gas generation, flood burning material with large quantities of water
Special exposure hazards arising from the substance, or preparation itself, its combustion products or released gases	<ul style="list-style-type: none"> ◆ Strong Oxidizer ◆ Contact with Combustible materials may cause fire. ◆ Avoid exposure to mists and sprays
Special Protective Equipment for fire-fighters	<ul style="list-style-type: none"> ◆ As in any fire, wear NIOSH approved self-contained breathing apparatus and full protective gear
Specific Methods	<ul style="list-style-type: none"> ◆ Cool containers / Tanks with water spray ◆ Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	<ul style="list-style-type: none"> ◆ Do not inhale mist, do not get in eyes or skin, do not swallow ◆ Ensure adequate ventilation
Environmental Precautions	<ul style="list-style-type: none"> ◆ Discharge in accordance with Government Regulations
Methods for cleaning up	<ul style="list-style-type: none"> ◆ Small spills: Wash down with large quantities of water in sanitary sewer ◆ Large spills: Dike to prevent runoff. Reclaim as much as possible. Absorb remainder with inert material (sand or vermiculite) and place in compatible container for disposal. Flush residue with large amounts of water into sanitary sewer.

7. HANDLING AND STORAGE

Handling

Technical Measures/Precautions	<ul style="list-style-type: none"> ◆ Avoid contact with skin, eyes and clothing ◆ Do not inhale mist, do not get in eyes or on skin, do not swallow
Safe Handling Advice	<ul style="list-style-type: none"> ◆ Wash hands immediately after contact to avoid hand-eye transfer

Storage

Technical Measures/Precautions	<ul style="list-style-type: none"> ◆ Keep containers tightly closed in a cool, dry area ◆ Store only in original properly labeled container ◆ Do not reuse empty containers – they may contain residues ◆ Do not use clear containers ◆ Avoid exposure to strong light ◆ Do not mix with anything but water
Incompatible Products	<ul style="list-style-type: none"> ◆ Metals ◆ Alkalis ◆ Reducing Agents ◆ Kerosene or Gasoline
Specific use(s)	<ul style="list-style-type: none"> ◆ Bleaching Product

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<u>Engineering Measures</u>	<ul style="list-style-type: none"> ◆ The use of local exhaust ventilation is recommended. ◆ Use corrosion-resistant ventilation equipment
<u>Personal Protective Equipment</u>	
Hand Protection	<ul style="list-style-type: none"> ◆ PVC or rubber gloves with cuffs
Eye Protection	<ul style="list-style-type: none"> ◆ Tightly fitting chemical splash goggles ◆ For continued or severe exposure wear a face shield over goggles ◆ Safety eyebath nearby
Respiratory Protection	<ul style="list-style-type: none"> ◆ In case of insufficient ventilation, wear NIOSH approved respiratory equipment
Skin and Body Protection	<ul style="list-style-type: none"> ◆ Use chemical protective clothing for repeated or prolonged contact ◆ Coveralls, apron, gloves, rubber boots should be worn
Hygiene Measures	<ul style="list-style-type: none"> ◆ Keep away from food, drink and feed ◆ When using, do not eat, drink or smoke ◆ Regular cleaning of equipment, work area and clothing ◆ Wear suitable gloves and eye/face protection ◆ For environmental protection, remove and wash all contaminated protective equipment before re-use
<u>Environmental Exposure Controls</u>	<ul style="list-style-type: none"> ◆ Do not inhale mist, do not get into eyes or on skin, do not swallow

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State Liquid
 Color Colorless
 Odor Slight Pungent

Important Health Safety and Environmental Information

Molecular Wt. N/A
 pH @ 22°C 6.0 – 7.0
 Boiling pt N/A
 Specific gravity 1.000 – 1.021
 Viscosity (CSTS) Not specified
 Solubility in water 100% Soluble
 Vapor Pressure N/A
 Vapor Density (AIR=1) N/A
 Evaporation Rate (WATER:1) N/A
 Freezing Point N/A
 Volatile Organic Compounds (Total VOC's) N/A
 Lower Explosive Limit H₂O₂ Vapors (>40% by weight)

10. STABILITY AND REACTIVITY

Stability	◆ Stable under normal conditions
Conditions to avoid	◆ Clear containers ◆ Exposure to strong light
Materials to avoid	◆ Heavy Metals ◆ Heavy Metals Ions / Salts ◆ Rust ◆ Alkali ◆ Organic Compounds ◆ Reducing Agents
Hazardous Decomposition Products	◆ Decomposes yielding Oxygen that supports combustion of Organic Matters and can cause Overpressure if confined.
Polymerization	◆ Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Component Information
 Primary Irritative Effect
Product Information

LD50/oral/rat	
<u>Local effects</u>	
Skin irritation	Irritant Prolonged contact can cause severe burns
Eye irritation	Can cause severe burns
Sensitization	Skin sensitizer
<u>Specific effects</u>	Dermatitis, possible respiratory damage from inhalation of mist
Carcinogenic Effects	None
Mutagenic Effects	Not determined

Reproductive toxicity	Not determined
Target Organ Effects	Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Component Information

CAS	Chemical Name	% Weight
N/A	N/A	N/A

Product information

Aquatic Toxicity: Hydrogen Peroxide decomposes to Oxygen and Water

The product does not contain any Heavy Metals or Inorganic Halogens

Other Information

Do not discharge into lakes, streams, ponds or public waterways unless in accordance with Government Regulations.

13. DISPOSAL CONSIDERATIONS

Waste from residues/Unused products	Do not discharge into lakes, streams, ponds or public waterways unless in accordance with Government Regulations. Consult your local, state or federal Environmental Protection Agency before disposing of any chemicals. Refer to the Environmental Management Authority (EMA) for complete waste disposal regulations for corrosive materials
Contaminated Packaging	Empty containers should be taken for recycling, recovery or waste disposal
Further Information	

14. TRANSPORT INFORMATION

This product is not classified as dangerous according to international transport regulations (DOT, ADR, IMDG or IATA).

15. REGULATORY INFORMATION

N/A

16. OTHER INFORMATION

Other

The information in the Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, we assume no liability resulting from use of SDS information.

End of Safety data sheet