

MATERIAL SAFETY DATA SHEET



Revised: 07/02

I. PRODUCT INFORMATION

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PRODUCT NAME: Non-Chlorine Bleach

CHEMICAL NAME: Consumer Commodity

CAS NUMBER:

CHEMICAL FAMILY:

CHEMICAL FORMULA:

II. SUMMARY OF HAZARDS

Oxidizer. Contact with combustibles may cause fire. Decomposes yielding oxygen that supports combustion of organic matters and can cause overpressure if confined. Corrosive to eyes, skin, nose, throat and lungs. May cause irreversible tissue damage to the eyes including blindness.

III. HAZARDOUS COMPONENTS

<u>NAME</u>	<u>CAS NO.</u> %	<u>EXPOSURE LIMITS</u>		<u>OTHER</u>
		<u>PEL</u>	<u>TLV</u>	
Hydrogen Peroxide <7.5%	7722-84-1			

IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 220° C

VAPOR PRESSURE: N/A

MELTING POINT: N/A

VAPOR DENSITY: N/A

SOL. IN WATER: Complete

SPECIFIC GRAVITY: 1.010 – 1.050 @ 22° C

pH: N/A

EVAPORATION RATE: N/A

APPEARANCE/ODOR: Liquid, clear in color, with no noticeable odor

<u>CHEMICAL NAME</u>	<u>TOXICITY DATA</u>
	<u>LD50</u> >225 mg/kg and <1200 mg/kg (rat) (50% H2O2)

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

INHALATION: Remove to fresh air. Not expected to require first aid measures.

INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: Chemical goggles or full face shield

PROTECTIVE GLOVES: Neoprene, butyl rubber or vinyl gloves

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: Provide safety shower and eyewash stations in work area

VENTILATION: General and/or local exhaust ventilation

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Dry chemical, foam, water or carbon dioxide

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions

VIII. REACTIVITY DATA

STABILITY: Normally stable

INCOMPATIBILITY: Oxidizing materials, concentrated nitric and sulfuric acid

HAZARDOUS PRODUCTS OF THERMAL DECOMPOSITION: Oxygen, which will support the combustion of flammable materials

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Eliminate the source of the spill, absorb spill with inert material and place into a separate container. Wash area with large quantities of water.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

XI. SHIPPING INFORMATION

U.S. DOT Transport Information

PROPER SHIPPING NAME: Hydrogen Peroxide Aqueous Solution

HAZARD CLASS: 5.1 PACKING GROUP: II

I.D. NUMBER: UN2014 ERG. NUMBER: 140 Hazard Subclasses 8

TRANSPORT LABEL REQUIRED: Oxidizer Corrosive

ADDITIONAL MARKINGS:

Shipping Restrictions: Air forbidden for concentrations greater than 40%

For Concentrations 40% or Below:

Passenger Aircraft 1L Max. /pkg.

Cargo Aircraft only 5L Max. /pkg.

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

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