

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME</b>	LO-3.5 10% LIQUID OXYGEN BLEACH
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<b>PRODUCT CODE</b>	340-350
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MANUFACTURER Myers Supply  
STREET ADDRESS 900 Arch Street  
CITY, STATE ZIP Little Rock, AR 72202  
PHONE (501) 372-6677

<b>ISSUE DATE</b>	03-21-2001
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<b>SUPERCEDES</b>	05-24-1996
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### EMERGENCY TELEPHONE NUMBER

1-888-535-5053

## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS No.	EXPOSURE LIMITS			OTHER LIMITS
		OSHA PEL/TLV	ACGIH TLV	STEL	
Hydrogen Peroxide	7722-84-1	1 ppm	1 ppm	None	N/A

## SECTION 3 – HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW</b>	Causes severe irritation or burns to skin and eyes.
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POTENTIAL HEALTH EFFECTS	
<b>INGESTION</b> .....	May cause rapid evolution of gas and thus distention of esophagus or stomach, also irritation and burns.
<b>INHALATION</b> .....	Irritation.
<b>EYE CONTACT</b> .....	Irritation and burns.
<b>SKIN CONTACT</b> .....	Irritation and mild burns.

## SECTION 4 – FIRST AID MEASURES

<b>INGESTION</b>	Drink large quantities of water to dilute. Get immediate medical attention.
<b>INHALATION</b>	Remove to fresh air. If irritation or burning occurs, see a physician.
<b>EYE CONTACT</b>	Flush with water for 15 minutes. See a physician immediately.
<b>SKIN CONTACT</b>	Remove contaminated clothing. Flush skin with water. Wash clothing and shoes as soon as possible to reduce risk of fire. If irritation persists, see a physician.
<b>NOTE TO PHYSICIAN</b>	Treatment based on judgment of the physician in response to reactions of the patient.

**SECTION 5 – FIRE FIGHTING MEASURES**

FLASH POINT / METHOD	None	FLAMMABLE LIMITS	N/A
% VOLATILE	N/A		
EXTINGUISHING MEDIA	Dry chemical, water mist, alcohol foam.		
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear a self-contained breathing apparatus as in all chemical fires.		
FIRE AND EXPLOSION HAZARDS	Oxidizer; evaporation may cause fire.		

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

RESPONSE TO SPILLS	Stop leak. Dilute spilled material with a large amount of water.
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**SECTION 7 – HANDLING AND STORAGE**

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store in a cool, dry place. Store away from incompatible materials. Do not store in a dirty area or on wooden pallets.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTIONS**

HYGIENIC PRACTICES	Normal procedures for good hygiene. Observe label precautions. Use personal protection equipment.
ENGINEERING CONTROLS	Use general mechanical ventilation to remove vapors at the source. Eyewash station is recommended.

	RESPIRATOR	Not necessary.
X	GOGGLES / FACE SHIELD	Required; chemical splash goggles.
	APRON	Not necessary.
X	GLOVES	Required; chemical resistant type.
X	BOOTS	Required.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Clear liquid.	BOILING POINT	>212° F
ODOR	None	VAPOR PRESSURE	N/A
PH 1%	5-6	VAPOR DENSITY	N/A
SPECIFIC GRAVITY	1.040	EVAPORATION RATE (butyl acetate=1)	<1
SOLUBILITY IN WATER	Complete		

**SECTION 10 – STABILITY AND REACTIVITY**

CHEMICAL STABILITY		<b>STABLE</b>			<b>UNSTABLE</b>	X
<b>CONDITIONS TO AVOID</b>	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	Heavy metals or their salt, cyanides, chromium compounds, potassium permanganate, rust dirt, dust, iron, organic materials.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxygen.					
POLYMERIZATION		<b>WILL NOT OCCUR</b>	X		<b>MAY OCCUR</b>	
<b>CONDITIONS TO AVOID</b>	Heat.					

**SECTION 11 – TOXICOLOGICAL INFORMATION**

## CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910,Z

## OTHER EFFECTS

<b>ACUTE</b>	Ingestion may cause rapid evolution of gas and thus distention of esophagus or stomach. Causes irritation and burns to eyes and skin.
<b>CHRONIC</b>	None known.
<b>ORAL LD/50</b>	Unknown

**SECTION 12 – DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL	Flush diluted material to sewer.
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**SECTION 13 – TRANSPORT INFORMATION**

DOT CLASSIFICATION		<b>HAZARDOUS</b>	X		<b>NOT HAZARDOUS</b>	
<b>DESCRIPTION</b>	Hydrogen peroxide, aqueous solutions with not less than 8 percent but less than 20 percent hydrogen peroxide (stabilized as necessary), 5.1, UN2984, PG III.					
HM CODE	270					

**SECTION 14 – OTHER INFORMATION**

## HMIS CLASSIFICATION

1	<b>BLUE</b>	HEALTH HAZARD
0	<b>RED</b>	FLAMMABILITY
1	<b>YELLOW</b>	REACTIVITY
Ox	<b>WHITE</b>	SPECIAL HAZARD

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