

MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION: 10/02/07

I. General Information

CHEMICAL NAME & SYNONYM:		TRADE NAME:	L-605 LIQUID OXYGEN BLEACH
CHEMICAL FAMILY:	Synthetic Detergent	FORMULA:	Proprietary
PROPER DOT SHIPPING NAME:	Cleaning Compound, Liquid	DOT HAZARD CLASSIFICATION:	Corrosive, Oxidizer
SUPPLIER:	LICO, INC. 929 FIFTH AVENUE MCKEESPORT, PA 15132	SUPPLIER'S PHONE NUMBER:	(412) 422-7786
		24-HOUR EMERGENCY PHONE NUMBER:	1-800-535-5053

II. Ingredients

PRINCIPAL COMPONENTS	CAS #	THRESHOLD LIMIT VALUE (UNITS)
HYDROGEN PEROXIDE	7722-84-1	1PPM
WATER	7732-18-5	N/A

III. Physical Data

BOILING POINT (°F):	200 ⁰ F	SPECIFIC GRAVITY (H₂O=1):	1.05
VAPOR PRESSURE (MM HG):	N/A	PERCENT VOLATILE (%):	100
VAPOR DENSITY (AIR=1):	N/A	EVAPORATION RATE (WATER = 1):	<1
SOLUBILITY IN WATER:	Complete	pH:	Weakly acidic
APPEARANCE AND ODOR:	Clear colorless liquid		

IV. Fire & Explosion Hazard Data

FLASH POINT (TEST METHOD):	N/A	LOWER EXPLOSIVE LIMIT (LEL):	N/A
AUTO IGNITION TEMPERATURE:	None	UPPER EXPLOSIVE LIMIT (UEL):	N/A
EXTINGUISHING MEDIA:	Water	UNUSUAL FIRE & EXPLOSION HAZARDS:	Peroxide can initiate combustion of other products.
SPECIAL FIRE FIGHTING PROCEDURES:	Wear protective clothing and approved self contained breathing apparatus.		

V. Health Hazard Data

OSHA-ACGIH THRESHOLD LIMIT VALUE:	1PPM	CARCINOGEN - IARC PROGRAM:	None
CARCINOGEN -NTP PROGRAM:	None	PRIMARY ROUTES OF ENTRY:	Skin, Eyes
SYMPTOMS OF EXPOSURE:	Chemical burns, irritation to mucous membranes		
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	Dermatitis		
EMERGENCY FIRST AID:			
Skin:	Flush with water. See a physician.		
Eyes:	Flush with water for 15 minutes. See a physician.		
Ingestion:	Give large amounts of water. Sit upright. See a physician.		
Inhalation:	Remove to fresh air.		

VI. Reactivity Data

STABILITY:	<input type="checkbox"/> UNSTABLE	<input checked="" type="checkbox"/> STABLE	
INCOMPATIBILITY-Material to Avoid:	Other oxidizers, alkalis, acids		
HAZARDOUS POLYMERIZATION:	<input type="checkbox"/> MAY OCCUR	<input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID: Heat
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxygen, steam, heat, peroxide vapor.		

VII. Environmental Protection Procedures

SPILL RESPONSE:	Flush to sewer with large amounts of water.
WASTE DISPOSAL METHOD:	Dilute with water, flush to sewer.

VIII. Special Protection Information

EYE PROTECTION:	Face Shield if handling	SKIN PROTECTION:	Rubber Gloves, Apron
RESPIRATORY PROTECTION:	Not under normal conditions	VENTILATION RECOMMENDED:	General
OTHER PRECAUTIONS:	Safety shower/eyewash should be in vicinity of area where handled.		

IX. Special Precautions

HYGIENIC PRACTICES IN HANDLING & STORAGE:	Store away from combustibles
PRECAUTIONS FOR REPAIR & MAINTENANCE OF CONTAMINATED EQUIPMENT:	N/A
OTHER PRECAUTIONS:	Storage vessels should be vented