

MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION: 10-01-07

I. General Information

CHEMICAL NAME & SYNONYM:		TRADE NAME:	L-230 BIO GREEN BATHROOM CLEANER
CHEMICAL FAMILY:	Synthetic Detergent	FORMULA:	Proprietary
PROPER DOT SHIPPING NAME:	Consumer Commodity ORM-D Cleaning Compounds	DOT HAZARD CLASSIFICATION:	None
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)
HYDROCHLORIC ACID	7647-01-0	7MG/M3
PHOSPHORIC ACID	7664-38-2	1 MG/M3
DODECYLBENZENE SULFONIC ACID	27176-87-0	1MG/M3
ISOPROPANOL	67-63-0	400PPM
METHYL SALICYLATE	119-36-8	N/D

III. Physical Data

BOILING POINT (°F):	212 ⁰ F	SPECIFIC GRAVITY (H₂O=1):	1.084
VAPOR PRESSURE (MM HG):	N/D	PERCENT VOLATILE (%):	58
VAPOR DENSITY (AIR=1):	N/D	EVAPORATION RATE (WATER = 1):	>1
SOLUBILITY IN WATER:	Complete	pH:	1
Appearance & Odor:	Green liquid with characteristic odor.		

IV. Fire & Explosion Hazard Data

FLASH POINT (TEST METHOD):	NONE TCC	LOWER EXPLOSIVE LIMIT (LEL):	N/D
AUTO IGNITION TEMPERATURE:	NONE	UPPER EXPLOSIVE LIMIT (UEL):	N/D
EXTINGUISHING MEDIA:	Water, Dry Chemical, CO ₂		
SPECIAL FIRE FIGHTING PROCEDURES:	NONE		
UNUSUAL FIRE & EXPLOSION HAZARDS:	NONE		

V. Health Hazard Data

OSHA-ACGIH THRESHOLD LIMIT VALUE:	1 MG/M3	CARCINOGEN - IARC PROGRAM:	None
CARCINOGEN -NTP PROGRAM:	None	NOTE: CORROSIVE:	Avoid contact with skin or eyes. Can cause irritation, burns or possible permanent eye damage.
SYMPTOMS OF EXPOSURE:	Skin & Eye Irritation		
Medical Conditions Aggravated by Exposure:	None		
PRIMARY ROUTES OF ENTRY:	Skin, Eyes, Nose, Mouth		
EMERGENCY FIRST AID:			
Skin:	Flush with water. See a physician immediately.		
Eyes:	Flush with water for 15 minutes. See a physician immediately.		
Ingestion:	Give large amounts of water. See a physician immediately.		
Inhalation:	Remove to fresh air.		

VI. Reactivity Data

STABILITY:	UNSTABLE	<input checked="" type="checkbox"/>	STABLE
INCOMPATIBILITY-Material to Avoid:	NONE		
HAZARDOUS POLYMERIZATION:	MAY OCCUR	<input checked="" type="checkbox"/>	WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS:	NONE		
			CONDITIONS TO AVOID: Contact w/metal

VII. Environmental Protection Procedures

SPILL RESPONSE:	Wear appropriate protective gear for the situation. Contain Spill. Soak up in an absorbant material. Flush area with water.		
WASTE DISPOSAL METHOD:	In accordance with Federal, State and Local regulations.		

VIII. Special Protection Information

EYE PROTECTION:	Splash Goggles	SKIN PROTECTION:	Rubber Gloves, Apron
RESPIRATORY PROTECTION:	None Required	VENTILATION RECOMMENDED:	Local Exhaust
OTHER PRECAUTIONS:	None		

IX. Special Precautions

HYGIENIC PRACTICES IN HANDLING & STORAGE:	Avoid Skin or Eye contact.		
PRECAUTIONS FOR REPAIR & MAINTENANCE OF CONTAMINATED EQUIPMENT:	Flush with water and allow to air dry.		
OTHER PRECAUTIONS:	None		

7/26/96

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