

MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION: 10/02/07

I. General Information

CHEMICAL NAME & SYNONYM:		TRADE NAME:	L-227 SUPER BRITE 2000
CHEMICAL FAMILY:	Synthetic Detergent	FORMULA:	Proprietary
PROPER DOT SHIPPING NAME:	Corrosive liquid, basic, inorganic, n.o.s.	DOT HAZARD CLASSIFICATION:	Corrosive
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)
SODIUM HYDROXIDE	1310-73-2	2 MG/M3
NONOXYNOL-9 PHOSPHATE	N/D	1MG/M3
ETHYLENE DIAMINE TETRAACETIC ACID	64-02-8	2MG/M3
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	N/D
SODIUM XYLENE SULFONATE	1300-72-7	N/D

III. Physical Data

BOILING POINT (%F):	212 ⁰ F	SPECIFIC GRAVITY (H₂O=1):	1.20
VAPOR PRESSURE (MM HG):	N/D	PERCENT VOLATILE BY VOLUME (%):	N/D
VAPOR DENSITY (AIR=1):	N/D	EVAPORATION RATE (WATER = 1):	N/D
SOLUBILITY IN WATER:	Complete	pH:	13.0-14.0
Appearance & Odor:	Clear bluish green liquid w/ floral fragrance		

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:	Product does not sustain combustion. Use media appropriate for materials actually involved in fire.		
SPECIAL FIRE FIGHTING PROCEDURES:	Self contained breathing apparatus & protective gear should be worn when fighting fires involving chemicals.		
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.
EFFECTS OF OVER EXPOSURE:	May cause irritation or burns to eyes & skin. Internal irritation or burns by ingestion or inhalation.		
Medical Conditions Aggravated by Exposure:	May aggravate some pre-existing skin disorders.		
PRIMARY ROUTES OF ENTRY:	Skin contact		
EMERGENCY FIRST AID:			
Skin:	Flush with water for 15 minutes. If irritation persists seek medical attention.		
Eyes:	Flush with water for 15 minutes, while lifting lids occasionally. Flushing within seconds is important for effective treatment. Get medical attention.		
Ingestion:	Drink 3-4 large glasses of water, or milk. Don't induce vomiting. Get medical attention.		
Inhalation:	Remove to fresh air. If irritation persists get medical attention.		

VI. Reactivity Data

STABILITY:	UNSTABLE	<input checked="" type="checkbox"/> STABLE	
INCOMPATIBILITY-Material to Avoid:	acids, oxidizing materials		
HAZARDOUS POLYMERIZATION:	MAY OCCUR	<input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID: None Known
HAZARDOUS DECOMPOSITION PRODUCTS:	None Known		

VII. Environmental Protection Procedures

SPILL RESPONSE:	Pick up spill with absorbant material and place inside a suitable container . Use required protective equipment such as: rubber gloves and correct clothing, making sure area has good ventilation.
WASTE DISPOSAL METHOD:	Dispose of as a hazardous waste. Dispose in accordance with Federal, State and Local regulations.

VIII. Special Protection Information

EYE PROTECTION:	Splash Goggles	SKIN PROTECTION:	Rubber Gloves, Apron
RESPIRATORY PROTECTION:	Not Normally Required	VENTILATION RECOMMENDED:	Normal Ventilation
OTHER PRECAUTIONS:	Impervious clothing as needed to prevent skin contact.		

IX. Special Precautions

HYGIENIC PRACTICES IN HANDLING & STORAGE:	Avoid Skin or Eye contact. Store in a cool, dry place.
PRECAUTIONS FOR REPAIR & MAINTENANCE OF CONTAMINATED EQUIPMENT:	N/A
OTHER PRECAUTIONS:	Avoid storage near acids & oxidizing materials.

7/26/96

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