

MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION: 10-1-07

I. General Information

CHEMICAL NAME & SYNONYM:
CHEMICAL FAMILY: Synthetic Detergent
PROPER DOT SHIPPING NAME: Consumer Commodity ORM-D Cleaning Compound
SUPPLIER: LICO, INC
929 FIFTH AVENUE
MCKEESPORT, PA 15132

TRADE NAME: L-202 929 BOWL CLEANER
FORMULA: Proprietary
DOT HAZARD CLASSIFICATION: None
SUPPLIER'S PHONE NUMBER: (412) 422-7786
24-HOUR EMERGENCY PHONE NUMBER: 1-800-535-5053

II. Ingredients

PRINCIPAL COMPONENTS
WATER
HYDROCHLORIC ACID
ETHOXYLATED NONYLPHENOL
ALKYLDIMETHYL AMMONIUM CHLORIDES
OPACIFIER

CAS #	THRESHOLD LIMIT VALUE (UNITS)
7732-18-5	N/A
7647-01-0	5PPM
127087-87-0	N/D
68956-79-6	N/D
N/A	N/A

III. Physical Data

BOILING POINT (°F): 212⁰F
VAPOR PRESSURE (MM HG): N/D
VAPOR DENSITY (AIR=1): N/D
SOLUBILITY IN WATER: Complete
APPEARANCE AND ODOR: Blue liquid with mint odor.

SPECIFIC GRAVITY (H₂O=1): 1.059
PERCENT VOLATILE (%): 91.0
EVAPORATION RATE (WATER = 1): <1
pH: 1

IV. Fire & Explosion Hazard Data

FLASH POINT (TEST METHOD): NONE (TCC)
EXTINGUISHING MEDIA: Water, Dry Chemical, CO₂
SPECIAL FIRE FIGHTING PROCEDURES: NONE
UNUSUAL FIRE & EXPLOSION HAZARDS: NONE

LOWER EXPLOSIVE LIMIT (LEL): N/A
UPPER EXPLOSIVE LIMIT (UEL): N/A

V. Health Hazard Data

OSHA-ACGIH THRESHOLD LIMIT VALUE: 5PPM
CARCINOGEN -NTP PROGRAM: None
SYMPTOMS OF EXPOSURE: Skin & Eye Irritation
Medical Conditions Aggravated by Exposure: None
PRIMARY ROUTES OF ENTRY: Skin, Eyes, Nose, Mouth

CARCINOGEN - IARC PROGRAM: None
NOTE: CORROSIVE: Avoid contact with skin or eyes. Can cause irritation, burns or possible permanent eye damage.

EMERGENCY FIRST AID:

Skin: Flush with water. See a physician if irritation persists.
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 STABLE
INCOMPATIBILITY-Material to Avoid: Can be corrosive to some metals.
HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR **CONDITIONS TO AVOID:** None
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen Gas or Hydrochloric Acid vapors.

VII. Environmental Protection Procedures

SPILL RESPONSE: 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
RESPIRATORY PROTECTION: None Required
OTHER PRECAUTIONS: None
SKIN PROTECTION: Rubber Gloves, Apron
VENTILATION RECOMMENDED: Local Exhaust

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