

# MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION: 10/02/07

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

**TRADE NAME:** L-205 DRAINCLEAN  
**FORMULA:** Proprietary  
**DOT HAZARD CLASSIFICATION:** Corrosive  
**SUPPLIER'S PHONE NUMBER:** (412) 422-7786  
**24-HOUR EMERGENCY PHONE NUMBER:** 1-800-535-5053

## II. Ingredients

**PRINCIPAL COMPONENTS**  
POTASSIUM HYDROXIDE  
WATER  
COLOR

CAS #	THRESHOLD LIMIT VALUE (UNITS)
1310-58-3	2MG/M3
7732-18-5	N/A
N/A	N/A

## III. Physical Data

**BOILING POINT (°F):** 271°F  
**VAPOR PRESSURE (MM HG):** N/D  
**VAPOR DENSITY (AIR=1):** N/D  
**SOLUBILITY IN WATER:** Complete  
**APPEARANCE AND ODOR:** Clear red liquid with no odor.

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.45  
**PERCENT VOLATILE (%):** >50  
**EVAPORATION RATE (WATER = 1):** <1  
**pH:** 14

## IV. Fire & Explosion Hazard Data

**FLASH POINT (TEST METHOD):** None (TCC)  
**AUTO IGNITION TEMPERATURE:** None  
**EXTINGUISHING MEDIA:** Water, Dry Chemical, CO<sub>2</sub>  
**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:** 2MG/M3  
**CARCINOGEN -NTP PROGRAM:** None  
**SYMPTOMS OF EXPOSURE:** Skin & Eye Irritation. Skin Burns.  
**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 eye damage.

### 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. See a physician.  
**Inhalation:** Remove to fresh air.

## VI. Reactivity Data

**STABILITY:** UNSTABLE  STABLE   
**INCOMPATIBILITY-Material to Avoid:** Can react violently with acids and other organic chemicals.  
**HAZARDOUS POLYMERIZATION:** MAY OCCUR  WILL NOT OCCUR  **CONDITIONS TO AVOID:** None  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None

## VII. Environmental Protection Procedures

**SPILL RESPONSE:** Contain Spill. Soak up in an absorbant material. Flush area with water. All disposal materials must be disposed of according to government regulations.

**WASTE DISPOSAL METHOD:** In accordance with Federal, State and Local regulations.

## VIII. Special Protection Information

**EYE PROTECTION:** Splash Goggles and Full Face Shield **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. Considerable heat is generated when water is added. Always add product to water, not water to product.

**PRECAUTIONS FOR REPAIR & MAINTENANCE OF CONTAMINATED EQUIPMENT:** Flush with water. Neutralize w/dilute acid followed by sodium bicarbonate & allow to air dry.

**OTHER PRECAUTIONS:** None