

# MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION: 10/02/07

## I. General Information

|                                     |  |  |                |
|-------------------------------------|--|--|----------------|
| <b>CHEMICAL NAME &amp; SYNONYM:</b> |  | <b>TRADE NAME:</b>                     | L-318 GLY-AIRE |
| <b>CHEMICAL FAMILY:</b>             | Synthetic Detergent  | <b>FORMULA:</b>                        | Proprietary    |
| <b>PROPER DOT SHIPPING NAME:</b>    | Cleaning Compound, Liquid  | <b>DOT HAZARD CLASSIFICATION:</b>      | None           |
| <b>SUPPLIER:</b>                    | <b>LICO, INC.</b><br>929 FIFTH AVENUE<br>MCKEESPORT, PA 15132, USA | <b>SUPPLIER'S PHONE NUMBER:</b>        | (412) 422-7786 |
|                                     |  | <b>24-HOUR EMERGENCY PHONE NUMBER:</b> | 1-800-535-5053 |

## II. Ingredients

| PRINCIPAL COMPONENTS                     | CAS #                  | THRESHOLD LIMIT VALUE (UNITS) |
|--|------------------------|-------------------------------|
| DIMETHYL CARBINOL                        | 67-63-0                | 400PPM TWA                    |
| TRIETHYLENE GLYCOL                       | 112-27-6               | 40PPM                         |
| PROPYLENE GLYCOL                         | 57-55-6                | N/A                           |
| WATER                                    | 7732-18-5              | N/A                           |
| ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDES | 68391-01-5, 27479-28-3 | 1000PPM                       |

## III. Physical Data

|                                |                                     |   |       |
|--------------------------------|-------------------------------------|---|-------|
| <b>BOILING POINT (°F):</b>     | 200 <sup>0</sup> F                  | <b>SPECIFIC GRAVITY (H<sub>2</sub>O=1):</b> | 0.983 |
| <b>VAPOR PRESSURE (MM HG):</b> | N/A                                 | <b>PERCENT VOLATILE (%):</b>                | 95.0  |
| <b>VAPOR DENSITY (AIR=1):</b>  | >1                                  | <b>EVAPORATION RATE (WATER = 1):</b>        | >1    |
| <b>SOLUBILITY IN WATER:</b>    | Complete                            | <b>pH:</b>                                  | 7     |
| <b>APPEARANCE AND ODOR:</b>    | Clear liquid with honeysuckle odor. |   |       |

## IV. Fire & Explosion Hazard Data

|  |                                      |                                     |     |
|--|--------------------------------------|-------------------------------------|-----|
| <b>FLASH POINT (TEST METHOD):</b>            | 112 <sup>0</sup> F (TCC)             | <b>LOWER EXPLOSIVE LIMIT (LEL):</b> | N/D |
| <b>AUTO IGNITION TEMPERATURE:</b>            | NONE                                 | <b>UPPER EXPLOSIVE LIMIT (UEL):</b> | N/D |
| <b>EXTINGUISHING MEDIA:</b>                  | Water, Dry Chemical, CO <sub>2</sub> |                                     |     |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b>     | NONE                                 |                                     |     |
| <b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b> | NONE                                 |                                     |     |

## V. Health Hazard Data

|   |   |                                   |      |
|---|---|-----------------------------------|------|
| <b>OSHA-ACGIH THRESHOLD LIMIT VALUE:</b>          | 40PPM   | <b>CARCINOGEN - IARC PROGRAM:</b> | None |
| <b>CARCINOGEN -NTP PROGRAM:</b>                   | None  |                                   |      |
| <b>SYMPTOMS OF EXPOSURE:</b>                      | Skin & Eye Irritation                             |                                   |      |
| <b>Medical Conditions Aggrevated by Exposure:</b> | None  |                                   |      |
| <b>PRIMARY ROUTES OF ENTRY:</b>                   | Skin, Eyes, Nose, Mouth                           |                                   |      |
| <b>EMERGENCY FIRST AID:</b>                       |   |                                   |      |
| <b>Skin:</b>                                      | Flush with water. See a physician.                |                                   |      |
| <b>Eyes:</b>                                      | Flush with water for 15 minutes. See a physician. |                                   |      |
| <b>Ingestion:</b>                                 | Give large amounts of water. See a physician.     |                                   |      |
| <b>Inhalation:</b>                                | Remove to fresh air.                              |                                   |      |

## VI. Reactivity Data

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

## VII. Environmental Protection Procedures

|                               |   |
|-------------------------------|---|
| <b>SPILL RESPONSE:</b>        | Contain Spill. Soak up in an absorbant material. Flush area with water. |
| <b>WASTE DISPOSAL METHOD:</b> | In accordance with Federal, State and Local regulations.                |

## VIII. Special Protection Information

|                                |                |                                 |               |
|--------------------------------|----------------|---------------------------------|---------------|
| <b>EYE PROTECTION:</b>         | Splash Goggles | <b>SKIN PROTECTION:</b>         |               |
| <b>RESPIRATORY PROTECTION:</b> | None Required  | <b>VENTILATION RECOMMENDED:</b> | Local Exhaust |
| <b>OTHER PRECAUTIONS:</b>      | None           |                                 |               |

## IX. Special Precautions

|  |  |
|--|--|
| <b>HYGIENIC PRACTICES IN HANDLING &amp; STORAGE:</b>                       | Avoid Skin or Eye contact.             |
| <b>PRECAUTIONS FOR REPAIR &amp; MAINTENANCE OF CONTAMINATED EQUIPMENT:</b> | Flush with water and allow to air dry. |
| <b>OTHER PRECAUTIONS:</b>  | None                                   |