

# MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION: 10/02/07

## I. General Information

|                                     |  |  |                    |
|-------------------------------------|--|--|--------------------|
| <b>CHEMICAL NAME &amp; SYNONYM:</b> |  | <b>TRADE NAME:</b>                     | L-410 LAUNDRY STAR |
| <b>CHEMICAL FAMILY:</b>             | Laundry Compound   | <b>FORMULA:</b>                        | Proprietary        |
| <b>PROPER DOT SHIPPING NAME:</b>    | Cleaning Compound, Solid N.O.S.                                    | <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) |
|----------------------|-----------|-------------------------------|
| SODIUM CARBONATE     | 497-19-8  | N/A                           |
| SODIUM METASILICATE  | 6834-92-0 | N/A                           |
| SODIUM SULFATE       | 7757-82-6 | N/A                           |
| NONIONIC SURFACTANT  | 90-164-59 | N/A                           |
| TRIPHOSPHORIC ACID   | 7758-29-4 | 10MG/M3                       |

## III. Physical Data

|                                |                       |   |                   |
|--------------------------------|-----------------------|---|-------------------|
| <b>BOILING POINT (°F):</b>     | N/A                   | <b>SPECIFIC GRAVITY (H<sub>2</sub>O=1):</b> | >1                |
| <b>VAPOR PRESSURE (MM HG):</b> | N/A                   | <b>PERCENT VOLATILE (%):</b>                | 0                 |
| <b>VAPOR DENSITY (AIR=1):</b>  | N/A                   | <b>EVAPORATION RATE (WATER = 1):</b>        | N/A               |
| <b>SOLUBILITY IN WATER:</b>    | Complete              | <b>pH:</b>                                  | (10% SOLN.) 12-13 |
| <b>APPEARANCE AND ODOR:</b>    | White granular blend. |   |                   |

## IV. Fire & Explosion Hazard Data

|  |                              |                                     |     |
|--|------------------------------|-------------------------------------|-----|
| <b>FLASH POINT (TEST METHOD):</b>            | N/A                          | <b>LOWER EXPLOSIVE LIMIT (LEL):</b> | N/A |
| <b>AUTO IGNITION TEMPERATURE:</b>            | None                         | <b>UPPER EXPLOSIVE LIMIT (UEL):</b> | N/A |
| <b>EXTINGUISHING MEDIA:</b>                  | Water, Foam, 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>          | 10MG/M3   | <b>CARCINOGEN - IARC PROGRAM:</b> | None |
| <b>CARCINOGEN -NTP PROGRAM:</b>                   | None  |                                   |      |
| <b>SYMPTOMS OF EXPOSURE:</b>                      | Skin Irritation with prolonged contact.           |                                   |      |
| <b>Medical Conditions Aggrevated by Exposure:</b> | Dermatitis  |                                   |      |
| <b>PRIMARY ROUTES OF ENTRY:</b>                   | Skin Contact                                      |                                   |      |
| <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>                         | UNSTABLE  | <input checked="" type="checkbox"/> | STABLE                           |
| <b>INCOMPATIBILITY-Material to Avoid:</b> | NONE      |                                     |                                  |
| <b>HAZARDOUS POLYMERIZATION:</b>          | MAY OCCUR | <input checked="" type="checkbox"/> | WILL NOT OCCUR                   |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>  | NONE      |                                     |                                  |
|   |           |                                     | <b>CONDITIONS TO AVOID:</b> None |

## VII. Environmental Protection Procedures

|                               |  |
|-------------------------------|--|
| <b>SPILL RESPONSE:</b>        | Sweep up for re-use. Flush site of spill to sanitary sewer.                                  |
| <b>WASTE DISPOSAL METHOD:</b> | In accordance with Federal, State and Local regulations. An approved landfill is acceptable. |

## VIII. Special Protection Information

|                                |                |                                 |               |
|--------------------------------|----------------|---------------------------------|---------------|
| <b>EYE PROTECTION:</b>         | Splash Goggles | <b>SKIN PROTECTION:</b>         | Rubber Gloves |
| <b>RESPIRATORY PROTECTION:</b> | None Required  | <b>VENTILATION RECOMMENDED:</b> | General       |
| <b>OTHER PRECAUTIONS:</b>      | None           |                                 |               |

## IX. Special Precautions

|  |  |
|--|--|
| <b>HYGIENIC PRACTICES IN HANDLING &amp; STORAGE:</b>                       | Store in a dry place away from foodstuffs. |
| <b>PRECAUTIONS FOR REPAIR &amp; MAINTENANCE OF CONTAMINATED EQUIPMENT:</b> | None                                       |
| <b>OTHER PRECAUTIONS:</b>  | None                                       |