

**MATERIAL SAFETY
DATA SHEET**

**#303022
LD 90 EXTRA DUTY DETERGENT**

24-HOUR EMERGENCY TELEPHONE: CHEM-TEL 1-800-255-3924

PRODUCT NAME: **LD-90 LAUNDRY DETERGENT**

REVISED: 4/97

PREPARED BY:

SECTION I - PRODUCT IDENTIFICATION

CHEMICAL NAME AND SYNONYMS: Proprietary mixture

CHEMICAL FAMILY: Alkaline detergent FORMULA: Proprietary.

SECTION II - HAZARDOUS COMPONENTS

IF PRESENT, IARC, NTP AND OSHA CARCINOGENS ARE IDENTIFIED IN THIS SECTION.

INGREDIENT	PERCENT	PEL	TLV	TOXICITY DATA
------------	---------	-----	-----	---------------

NONE

INGREDIENTS NOT PRECISELY IDENTIFIED ARE PROPRIETARY OR NONHAZARDOUS. ALL INGREDIENTS APPEAR ON THE EPA TSCA INVENTORY. VALUES ARE NOT PRODUCT SPECIFICATIONS.

SECTION III - PHYSICAL DATA

INITIAL BOILING POINT (F): NA

SPECIFIC GRAVITY: NA

VAPOR PRESSURE: NA

% VOLATILE BY VOLUME: 0

VAPOR DENSITY (AIR=1): NA

EVAPORATION RATE (H2O=1): NA

SOLUBILITY IN WATER: Total.

APPEARANCE AND ODOR: Free flowing white powder, bland odor.

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: None

EXPLOSIVE LIMIT: None.

EXTINGUISHING MEDIA: Water, foam.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

SPECIAL FIREFIGHTING PROCEDURES: Use self contained breathing apparatus

where product is involved in fire.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

BREATHING: Irritation of respiratory tract.

EYES: Severe irritation or eye damage may result from contact.

SKIN: Can cause irritation or burns of skin tissue.

SWALLOWING: Extremely irritating. May cause burns to mouth, esophagus, stomach, etc.

FIRST AID

IF ON SKIN: Rinse affected area with large amounts of water until "slippery" feel is gone.

IF IN EYES: Flush with large amounts of water, get medical attention.

IF SWALLOWED: Do not induce vomiting. Give large amounts of water followed by mild acids such as 5% acetic acid, or any citrus juice. Call a physician.

IF BREATHED: Remove victim to fresh air.

SECTION VI - REACTIVITY DATA

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid contact with acids or laundry compounds. Avoid contact with aluminum, zinc, magnesium, copper, etc. Hydrogen gas may be evolved.

STABILITY: Stable.

INCOMPATIBILITY: Acids, active metals, moisture. See above.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up and collect as much material as possible. Wash down spill area with water. Neutralize solution with acid solution as necessary. Dispose of in accordance with local ordinances.

SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION: None required.

VENTILATION: None required.

PROTECTIVE GLOVES: Required.

EYE PROTECTION: Safety glasses or goggles.

OTHER PROTECTIVE EQUIPMENT: Have safety shower, eyewash station nearby.

SECTION IX - TRANSPORTATION INFORMATION

TRANSPORTATION INCIDENT INFORMATION: FOR FURTHER INFORMATION
RELATIVE TO SPILLS RESULTING FROM TRANSPORTATION INCIDENTS,
REFER TO LATEST DEPARTMENT OF TRANSPORTATION EMERGENCY
RESPONSE GUIDEBOOK FOR HAZARDOUS MATERIALS INCIDENTS, DOT P
5800.3.

DOT IDENTIFICATION NUMBER: CORROSIVE MATERIAL UN1759.

HMIS INFORMATION

HEALTH: 3; FLAMMABILITY: 0; REACTIVITY: 1; SPECIAL:

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED
UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR
WARRANTY OF ANY KIND EXPRESSED OR IMPLIED IS MADE WITH RESPECT
TO THE INFORMATION CONTAINED HEREIN.