



1.0 Chemical Product and Company Identification:

1.1	Product Name:	LAUNDRY EMULSIFIER LDL-70
1.2	Product Type:	Detergent softener
1.3	Company	Noramtech Corporation 19 Elmwood Avenue Kansas City, Kansas 66103
1.4	Phone	1-800-643-9070; 1-913-713-4120; Fax 1-913-713-4127
1.5	Emergency	Chemtrec 1-800-424-9300

2.0 Hazardous Components

PRINCIPAL HAZARDOUS COMPOUNDS	CAS #	Wt %	THRESHOLD LIMIT VALUE (UNITS)
Isopropyl alcohol	67-63-0	4-8%	440ppm

SECTION 313: This product is not known to contain any compound listed and in quantities requiring reporting under SARA Title III Section 313.

CALIFORNIA PROPOSITION 65: This product is not known to contain any material listed under California's Proposition 65.

3.0 Physical Data

3.1	Appearance:	Clear slightly viscous liquid
3.2	Solubility in water:	Complete
3.3	PH 0.5% Solution	7-8
3.4	Boiling Point	>200F
3.5	Flash Point	106F TCC
3.6	Vapor Pressure	NA
3.7	Specific Gravity/Density	1.03

4.0 Fire and Explosion Data

4.1	Special Fire Hazards:	Always wear NIOSH-approved self-contained breathing apparatus when fighting chemical fires. Spills can cause slippery floors.
4.2	Fire Fighting Methods:	Water spray, dry chemical, foam, CO2
4.3	Unusual Fire and Explosion Hazards:	Keep drums or containers cool with water spray.

5.0 Reactivity Data

5.1	Stability:	Yes
5.2	Conditions to Avoid:	Do not mix with strong acids or oxidants.
5.3	Hazardous Decomposition Products:	Carbon monoxide and oxides of sulfur.

6.0 Spill or Leak Procedures

6.1	Cleanup and Disposal:	Dispose of in normal manner. Prior permitting may be required before any industrial cleaners may be discharged into city sewers.
6.2	Steps to be taken if released or spilled:	Reclaim liquid for use or flush to sewer.

7.0 Health Hazard Data

7.1	Effects of overexposure:	Eyes: X Skin: X Ingestion: X Inhalation: X Chronic Exposure:
7.2	Signs and Symptoms of Exposure:	Eye and skin irritant. Ingestion can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Inhalation causes irritation to nose and throat.

8.0 First Aid

8.1	Eyes:	Flush with running cool water for 10-15 minutes and see physician.
8.2	Skin:	Wash thoroughly with soap and water.
8.3	Ingestion:	Drink large amount of water or milk and transport to an emergency medical center for immediate attention.
8.4	Inhalation:	Remove person to fresh air.

9.0 Protective Measures

9.1	Eyes Protection:	Safety glasses or goggles.
9.2	Skin Protection:	Chemical resistant gloves for prolonged exposure.
9.3	Respiratory Protection:	None required.
9.4	Ventilation Protection:	Local exhaust.

10.0 Special Precautions

10.1	Handling and Storage Precautions:	Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Remove and launder contaminated clothing before reuse. Avoid breathing dust. Keep partially used containers closed and away from heat and high humidity. Do not exceed storage temperatures of 100° F.
10.2	Transport Information	DOT Class: Not regulated DOT Proper Shipping Name: Refer to bill of lading or container label for DOT or other transportation hazard classification if any.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

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PREPARED BY: Patrick T. Dierker

Dated: January 2, 2008