



1.0 Chemical Product and Company Identification:

1.1	Product Name:	PUNCH 2 LDL 42
1.2	Product Type:	Laundry Detergent
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)
Hydrogen peroxide (35%)	7722-84-1	10-15 (3-6% hydrogen peroxide)	8-9
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:	Colorless liquid
3.2	Solubility in water:	complete
3.3	PH 0.5% Solution	8-9
3.4	Boiling Point	>212 F
3.5	Flash Point	Will not burn
3.6	Vapor Pressure	ND
3.7	Specific Gravity/Density	1.02

4.0 Fire and Explosion Data

4.1	Special Fire Hazards:	Flood with water. Cool containers. Wear full protective clothing including splash goggles and self-contained breathing apparatus in emergencies.
4.2	Fire Fighting Methods:	Flush away with water
4.3	Unusual Fire and Explosion Hazards:	Strong oxidizer. Evaporation or drying of this material on cloth or combustibles may cause fire. Contact with flammable liquids or vapors may cause fire or explosion.

5.0 Reactivity Data

5.1	Stability:	Yes
5.2	Conditions to Avoid:	Do not mix with oxidizing or reducing agents.
5.3	Hazardous Decomposition Products:	Carbon Monoxide or oxygen.

6.0 Spill or Leak Procedures

6.1	Cleanup and Disposal:	Dispose of liquid waste in accordance with local, state and federal regulations. Prior permitting may be required before any detergent chemicals can be put into city sewers.
6.2	Steps to be taken if released or spilled:	Small spills flush to sewer. Large spills should be treated with sodium bisulfite or metasilfite (1.9 lbs. of SO2 equivalent to 1 lb. peroxide).

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 burns and skin irritant. Ingestion may cause irritation of the nose and throat. Ingestion may cause distension of stomach and bleeding.

8.0 First Aid

8.1	Eyes:	Flush with running cool water for 10-15 minutes and see physician at once.
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:	Move 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:	Keep vapors below exposure limits.
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. Protect from freezing.
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.

**Noramtech Corporation
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PREPARED BY: Patrick T. Dierker

Dated: January 2, 2008