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Metropolis, IL 62960

Date Signed: 3-1-04

Transportation: Chemtrec

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Emergency: 1-800-424-9300

**MATERIAL SAFETY DATA SHEET**

**I. IDENTIFICATION**

PRODUCT NAME: Economy Line  
CHEMICAL NAME: Anionic Detergent  
CAS NUMBER: MIXTURE  
EMERGENCY TELEPHONE NUMBER: (618) 524-9394

**II. COMPONENTS AND HAZARD INFORMATION**

HAZARDOUS COMPONENT	CAS NO. OF COMPONENT	TLV OF COMPONENT	OSHA PEL	APPROXIMATE CONCENTRATION
Mineral Spirits	64742-88-7	100 ppm	100 ppm	50.0%

D.O.T. Hazard Classification: Combustible Liquid NOS, (Contains Petroleum Distillates), NA 1993, PG III  
Hazardous Materials Identification System (HMIS)

Health	Flammability	Reactivity	BASIS
<u>1</u>	<u>2</u>	<u>1</u>	<u>Recommended by Laidlaw</u>
<u>TLV for Total Product</u>			<u>BASIS</u>
<u>100 ppm</u>			<u>Calculated TLV REF ACGIH</u>

**III. PHYSICAL DATA**

Boiling Point 311°F Vapor Density Not determined.  
Vapor Pressure Not determined. Percent Volatiles 99.0%  
Specific Gravity 0.8500 Evaporation Rate Not determined.

**IV. FIRE AND EXPLOSION DATA**

Flash Point (°F TCC) 145°F  
Extinguishing Media Dry chemical.

Special Firefighting Procedures Self-contained breathing equipment operated in positive pressure mode.

Unusual Fire & Explosion Hazards Vapors can be ignited by sources distant from handling point.

National Fire Protection Association (NFPA) - Hazard Identification

Health	Flammability	Reactivity	BASIS
<u>1</u>	<u>2</u>	<u>1</u>	<u>Recommended by Laidlaw</u>

**V. HEALTH HAZARD DATA**

Effects of Overexposure:

Eyes: Can cause severe irritation, redness, tearing, blurred vision.

Skin: Prolonged or repeated contact can cause moderate irritation.

Breathing: Excessive inhalation of vapors can cause nasal and respiratory irritation.

Swallowing: Nausea, vomiting, diarrhea and gastrointestinal irritation.

ECONOMY LINE

First Aid Procedures:

Swallowing: Do not induce vomiting. See a physician.  
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\_\_\_\_\_  
Skin: Thoroughly wash exposed area with soap and water.  
\_\_\_\_\_  
\_\_\_\_\_  
Inhalation: Remove individual to fresh air.  
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\_\_\_\_\_  
Eyes: Flush with water. If irritation persists, see a physician.  
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Health studies have shown that health risks vary from person to person. As a precaution exposure to liquids, vapors, misty fumes or dust should be minimized.

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**VI. REACTIVITY DATA**

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Hazardous Polymerization: Cannot occur.  
Stability: Stable.  
Incompatibility: Avoid strong oxidizing agents.  
Hazardous Decomposition Products: May form toxic hydrocarbons at high temperatures.  
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**VII. SPILL OR LEAK PROCEDURES**

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Steps to be taken in case material is released or spilled:  
Soak up on absorbent material and dispose of in accordance with local, state and federal regulations.  
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**VIII. PROTECTION AND PRECAUTIONS**

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Respiratory Protection: Approved organic vapor respirator if exposure may or does exceed TLV limit.  
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Ventilation: Provide sufficient ventilation to maintain exposure below TLV.  
Protective Gloves: Not necessary.  
Eye Protection: Splash goggles if eye contact is likely to occur.  
Other Protective Equipment: None.  
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**IX. PRECAUTIONS OR OTHER COMMENTS**

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Precautions to be taken in handling and storing: Maintain good housekeeping. Avoid contact with eyes. Wash thoroughly after handling. Use with adequate ventilation.  
The information and recommendations accumulated herein are to the best of Laidlaw's knowledge and belief, accurate and reliable as of the date issued. Laidlaw does not warrant or guarantee their accuracy or reliability, and shall not be liable for any loss or damage arising out of the use thereof.  
HMIS and NFPA recommended ratings are based upon the criteria supplied by the developers of these rating systems together with Laidlaw's interpretation of the available data.