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Date Signed: 3-1-04

Transportation: Chemtrec

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Emergency: 1-800-424-9300

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION

PRODUCT NAME: VALUE
CHEMICAL NAME: Anionic Drycleaning 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
Paraffin Oil	64741-89-5	5 mg/m ³	5 mg/m ³	20.00%
Hexylene Glycol	107-41-5	25 ppm	25 ppm	5.00%

D.O.T. Hazard Classification: Liquid, Non-Hazardous
Hazardous Materials Identification System (HMIS)

Health	Flammability	Reactivity	BASIS
<u>1</u>	<u>1</u>	<u>1</u>	<u>Recommended by Laidlaw</u>
TLV for Total Product <u>50 ppm</u>			<u>BASIS</u> <u>Calculated TLV REF ACGIH</u>

III. PHYSICAL DATA

Boiling Point 208°F Vapor Density Not determined.
Vapor Pressure Not determined. Percent Volatiles 90.00%
Specific Gravity 0.88 Evaporation Rate <1.0 (n-Butyl Acetate=1)

IV. FIRE AND EXPLOSION DATA

Flash Point (°F TCC) >200°F
Extinguishing Media Alcohol foam, water fog, or dry chemical.

Special Firefighting Procedures Self-contained breathing equipment with full facepiece operated in positive mode.

Unusual Fire & Explosion Hazards Vapors can be ignited by high energy sources or other ignition sources at location distant from handling point.

National Fire Protection Association (NFPA) - Hazard Identification

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

V. HEALTH HAZARD DATA

Effects of Overexposure:

Eyes: Can cause severe irritation.

Skin: Prolonged or repeated contact may cause moderate irritation.

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

Swallowing: Can cause gastrointestinal irritation. Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal.

VALUE

First Aid Procedures:

Swallowing: Do not induce vomiting; get medical attention.

Skin: Wash with soap and water.

Inhalation: Remove individual to fresh air.

Eyes: Flush with copious amounts of water.

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.

VI. REACTIVITY DATA

Hazardous Polymerization: Cannot occur.

Stability: Stable.

Incompatibility: Avoid strong oxidizing agents.

Hazardous Decomposition Products: May form toxic materials at high temperatures.

VII. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Absorb on paper or other absorbent material. Dispose of in accordance with local, state, and federal regulations.

VIII. PROTECTION AND PRECAUTIONS

Respiratory Protection: Use approved vapor respirator if needed.

Ventilation: Provide sufficient ventilation to maintain exposure level below TLV.

Protective Gloves: Not necessary.

Eye Protection: Use splash goggles or faceshield when eye contact may occur.

Other Protective Equipment: None.

IX. PRECAUTIONS OR OTHER COMMENTS

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 systems together with Laidlaw's interpretation of the available data.