

MATERIAL SAFETY DATA SHEET

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Emergency Response Number: 1-800-424-9300
Outside The U.S. Call 703-527-3887

SECTION I: IDENTIFICATION

Product name: Pliance Perming Lotion - A

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

[HAZARDOUS COMPONENTS - (CAS NUMBER)- OSHA PEL -	ACGIH/TLV -	OTHER - %(OPTIONAL)]
Glyceryl Monothioglycolate (30618-84-9) N/A	N/A	N/A 80.0%
Thioglycolic Acid (68-11-1) N/E	1ppm TWA 3.8mg/M ³ TWA	N/A 1.0%

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/D

VAPOR DENSITY: N/D

MELTING POINT: N/A

SOLUBILITY IN WATER: Complete.

APPEARANCE AND ODOR: Clear viscous liquid with sulfur-like odor.

VAPOR PRESSURE: N/D

SPECIFIC GRAVITY: 1.3

EVAPORATION RATE: N/D

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Greater than 300° F.

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus with full face-piece operated in positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Can release hydrogen sulfide and sulfur oxides under decomposition.

SECTION V: REACTIVITY DATA

STABILITY DATA

UNSTABLE: No

STABLE: Yes

INCOMPATIBILITY: Sodium bromate, hydrogen peroxide. Keep away from oxidizing materials.

HAZARDOUS POLYMERIZATION

MAY OCCUR: No

WILL NOT OCCUR: Yes

INCOMPATIBILITY: None

SECTION VI: HEALTH HAZARD DATA

ROUTE(S) OF ENTRY

INHALATION: Avoid.

SKIN: Avoid.

INGESTION: Avoid.

HEALTH HAZARD (Acute and Chronic): Ingestion is toxic. Possible sensitization.

CARCINOGENICITY

CARCINOGEN: N/A

NTP: N/A

IARC MONOGRAPHS: N/A

OSHA REGULATED: N/A

SIGNS AND SYMPTOMS OF EXPOSURE

SKIN: Irritation and softening on prolonged contact.

EYES: Irritation on contact.

INHALATION: N/A

INGESTION: Irritation of gastrointestinal tract.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Flush with large amounts of water without rubbing. Remove contaminated clothing.

EYES: Flush continuously with water for at least 15 minutes. Seek medical attention if required.

INHALATION: Remove to fresh air. Seek medical attention if required.

INGESTION: Do not induce vomiting. Get immediate medical attention for gastric lavage.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dilute with large quantity of water. Cover with absorbent material.

WASTE DISPOSAL METHOD: Absorb with non-combustible absorbent material. Dispose according to Local, State and Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not splash on skin, eyes or clothing. Store in cool place.

OTHER PRECAUTIONS: None

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION: None

VENTILATION

LOCAL EXHAUST: Recommended.

MECHANICAL: Recommended.

SPECIAL: N/A

OTHER: N/A

PROTECTIVE GLOVES: Rubber or plastic gloves.

EYE PROTECTION: Safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Plastic cap and cotton band around hairline while processing.

WORK/HYGIENIC PRACTICES: Normal good work, hygienic practices.

Date of preparation: 4-9-93

Prepared by: Vincent Fischer

N/A: Not applicable

N/D: Not determined

N/E: Not established