



*Perming Lotion*

**MATERIAL SAFETY DATA SHEET**

**TRESSA, INC.  
P.O. BOX 75320  
CINCINNATI, OH 45275**

**PHONE NUMBER FOR INFORMATION AND EMERGENCIES: 606-525-1300**

**SECTION I: IDENTIFICATION**

**PRODUCT NAME: CLIENTAGE PERMING LOTION - PART 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	N/A	1.0%
		3.8 mg/M <sup>3</sup> TWA		

**SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING POINT: N/D  
VAPOR PRESSURE: N/D  
VAPOR DENSITY: N/D  
SPECIFIC GRAVITY: 1.3  
MELTING POINT: N/A  
EVAPORATION RATE: N/D  
SOLUBILITY IN WATER: Complete  
APPEARANCE AND ODOR: Clear viscous liquid with sulfur-like odor.

**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.

(SECTION VI: HEALTH HAZARD DATA CONTINUED)

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. 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.

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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

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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/hygiene practices.

DATE PREPARED: 4-09-93

PREPARED BY: VINCENT FISCHER

N/A=NOT APPLICABLE  
N/D=NOT DETERMINED  
N/E=NOT ESTABLISHED