



**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 B**

**SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

[HAZARDOUS COMPONENTS -(CAS NUMBER)- OSHA PEL - ACGIH/TLV - OTHER - %(OPTIONAL)]

<b>Ammonia</b>	(7664-41-7)	50ppm-TWA	25ppm TWA	N/A	1.40%
		35mg/M <sup>3</sup> TWA	17mg/M <sup>3</sup> TWA		
			35ppm STEL		
			24mg/M <sup>3</sup> STEL		

<b>Ammonium Thioglycolate</b>	(5421-46-5)	N/A	N/A	N/A	1.70%
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**SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING POINT: N/D  
VAPOR PRESSURE: N/D  
VAPOR DENSITY: N/D  
SPECIFIC GRAVITY: 1.0  
MELTING POINT: N/A  
EVAPORATION RATE: N/D  
SOLUBILITY IN WATER: Complete  
APPEARANCE AND ODOR: Water-thin pink milky lotion. Ammonia, sulfide-like perfume odor.

**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: N/A  
FLAMMABLE LIMITS: N/A  
EXTINGUISHING MEDIA: Non-combustible  
SPECIAL FIRE FIGHTING PROCEDURES: When large quantities are involved use self-contained breathing apparatus with full face-piece operated in positive pressure mode and full body protective clothing.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Can release toxic hydrogen sulfide and sulfur oxides under decomposition.

**SECTION V: REACTIVITY DATA**

STABILITY DATA

UNSTABLE: No  
STABLE: Yes  
INCOMPATIBILITY: Heat, oxidizing agents

HAZARDOUS POLYMERIZATION

MAY OCCUR: No  
WILL NOT OCCUR: Yes  
INCOMPATIBILITY: None

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**SECTION VI: HEALTH HAZARD DATA**

ROUTE(S) OF ENTRY

INHALATION: Avoid  
SKIN: Avoid  
INGESTION: Avoid  
HEALTH HAZARD (Acute and Chronic): Eye and skin irritation on prolonged contact. Possible sensitization

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(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: Burning sensation on prolonged contact.  
EYES: Burning sensation on prolonged contact.  
INHALATION: Irritation to respiratory tract.  
INGESTION: Irritation to gastrointestinal tract.  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Flush with large amounts of water without rubbing.  
EYES: Flush with large quantity of water. 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: For small quantity releases, flush with water to a sanitary sewer. Floor will become slippery.  
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: Wear plastic gloves and eye protection. Store at room temp.  
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 cape 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