



Wave-layage Perming Lotion- Part B Safety Data Sheet

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

Product name: Wave-layage Perming Lotion-Part B

Synonyms: Hair permanent wave, perm

CAS No: Not applicable to mixtures

Molecular Weight: Not applicable to mixtures

Emergency Contact: Chemtrec 1-800-424-9300

Outside the US: 703-527-3887

Product Use: Hair permanent wave

Restrictions: N/E

Chemical Formula: Not applicable to mixtures

Product Codes: N/A

Manufacturer: Tressa, Inc.

P.O. 75320

Cincinnati, OH 45275

1-800-879-8737

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview: Not expected to produce significant adverse health effects when the recommended instructions for use are followed. Contact with eyes will cause irritation. Contact with skin may cause irritation or sensitization. May cause irritation to respiratory tract.

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification of the mixture:

Acute Toxicity, Oral (Category 3)

H301 Skin Sensitization (Category 1)

H290 May be corrosive to metals

H301 Toxic if swallowed

H317 May cause an allergic skin reaction

Percentage of the mixture consisting of ingredients of unknown toxicity: 97.8%

GHS label elements



Hazard Pictograms:

Potential Health Effects

General Keep out of reach of children. If medical advice is needed, have SDS at hand

Eyes Contact with eyes will cause irritation.

Skin This product may cause irritation to the skin; possible sensitization.

Inhalation Inhalation of vapors or mists may be irritating to the respiratory system

Ingestion May cause irritation to gastrointestinal tract.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	PERCENT
Thioglycolic Acid	5421-46-5	1-2

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section



SECTION 4: FIRST AID MEASURES

First Aid Procedures:	General Advice: consult a physician
Eye Contact	Immediately flush eyes with a steady, gentle stream of water for at least 15 minutes. If irritation persists get medical attention
Skin Contact	Remove contaminated clothing and shoes. Flush with soap and large amounts of water. Seek medical attention if irritation develops or persists. Wash clothing separately before reuse.
Inhalation	If respiratory irritation or distress occurs remove victim to fresh air. Get medical attention if respiratory irritation or distress continues.
Ingestion	If ingestion of a large amount does occur, seek medical attention. Do NOT induce vomiting, unless directed to do so by a physician.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point:	N/A
Flammable Limits:	N/A
Extinguishing Media	
Suitable extinguishing media	Water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Specific Hazards Protection of firefighters	In a fire or if heated, a pressure increase will occur & container may burst
Protective equipment	Wear NIOSH/MSHA approved (or equivalent) self-contained breathing apparatus and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear appropriate protective gear for the situation. Isolate area. Keep unnecessary personnel away. Stay upwind. Ventilate spaces before entering.
Cleanup and Disposal of Spill:	Small quantity releases: flush with water to a sanitary sewer. Floor will become slippery. Large Spills: Dike ahead of the liquid spill for later disposal. Absorb with inert absorbent material. Dispose according to Local, State and Federal regulations.
Environmental precautions:	Prevent further leakage or spillage if safe to do so. Prevent material from entering waterways, sewers, basements, or confined areas.

SECTION 7: HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Wash hands thoroughly after handling. Avoid inhalation of vapor or mist
Storage	Store in cool place to avoid freezing or excessive heat. Keep in well ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.
General Remarks	Safety procedures should be developed for intended application.
Eye/Face protection	Eye contact should be prevented through used of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash should be readily accessible to the work area.
Skin protection	Skin contact to stylist should be prevented through the use of permeation resistant clothing, gloves and footwear, selected with regard for use conditions and exposure potential. Handle with gloves. Recommended: Nitrile Rubber gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use. Wash & dry hands. Client should wear cape.



Respiratory protection If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided

Work Practice Personal hygiene is an important work practice exposure control measure. Do not eat, drink, or smoke while using.

SECTION 9: PHYSICAL AND CHEMICAL CHARACTERISTICS

APPEARANCE: White to off-white
PHYSICAL STATE: creamy
DENSITY: 0.985

ODOR: Ammonia, sulfide-like, with perfume odor.
pH as supplied: 9.0 ±0.1

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions

Incompatible Materials No specific data

Hazardous decomposition products Upon decomposition, can release carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides, metal oxides

Possibility of hazardous reactions Under normal conditions of storage and use, hazardous reactions will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Oral LD50 Category 3. ATE = 50-300 mg/kg

Dermal LD50 Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg

Vapor LC50 Based on ATE data, the classification criteria are not met. ATE > 20 mg/l

Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Acetic acid, mercapto-monoammonium salt	50-300 mg/kg bw (71% solution) (Rat) (OECD 423)	7.4 – 8.4 mL/kg (Rabbit)	Not listed

Toxicological Synergistic Products No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation May cause eye, skin, and respiratory tract irritation

Sensitization No information available

Carcinogenicity No information available

Mutagenic Effects Did not show mutagenic effects in animal experiments

Reproductive Effects No information available

Developmental Effects No information available

Teratogenicity No information available

STOT- single exposure None known

STOT- repeated exposure None known

Aspiration hazard No information available

Symptoms/effects, both acute and delayed Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing

Endocrine Disruptor No information available

Other Adverse Effects The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information



SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Do not empty into drains

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Acetic acid, mercapto-monoammonium salt	Not listed	Not listed	Not listed	EC50: 38 mg/L 48h

Persistence and Degradability Soluble in water. Persistence unlikely based on information available

Bioaccumulation/Accumulation No information available

Mobility Will likely be mobile in the environment due to its water solubility.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Methods Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

SECTION 14: TRANSPORT INFORMATION

	UN Number	Shipping Name	Classes	PG
US DOT	2922	Corrosive liquid, toxic, n.o.s.	8 (6.1)	III
IATA Classification	2922	Corrosive liquid, toxic, n.o.s.	8 (6.1)	III
Water (IMO) Classification	2922	Corrosive liquid, toxic, n.o.s.	8 (6.1)	III

SECTION 15: REGULATORY INFORMATION

US Federal Regulations: This product is regulated as a cosmetic under the Federal Food, Drug, and Cosmetic Act and is safe to use as directed on the package.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance Not applicable

Section 311/312 hazardous chemical See section 2 for more information

Section 313 Toxic Chemicals Not applicable

Canada: This product is regulated as a cosmetic under Health Canada's Food and Drugs Act. All chemical components of the product are listed on DSL, NDSL, ICL or exempt.

SECTION 16: OTHER INFORMATION

Date of preparation: September 9, 2019

Revisions: 1

Reason for Revision: New Product

Prepared by: Laura I. Temming

The information contained herein is presented in good faith and believed to accurate. It is provided for your guidance only and independently of any sale of the product for purpose of Hazard Communication. It is not intended to constitute performance information concerning the product. No express warranty, or implied warranty of merchantability or fitness for a particular purpose or course of performance or usage of trade are made regarding this product or the information provided. TRESSA, Inc. assumes no obligation or responsibility for the information given or the results obtained in any particular use, all such obligations and responsibilities being accepted at your risk.