



Wave-layage Perming Lotion- Part A Safety Data Sheet

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

Product name: Wave-layage Perming Lotion-Part A

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

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)

Inhalation (Category 4)

Skin Sensitization (Category 1B)

Aquatic (Category 3)

GHS label elements



Hazard Pictograms:

Signal Word:

Danger

Hazard Statements:

H301 Toxic if swallowed

H317 May cause an allergic skin reaction

H332 Harmful if inhaled

H412 Harmful to aquatic life with long lasting effects

Precautionary Statements

P261 Avoid breathing dust/fume/gas/mist/vapor/spray

P273 Avoid release to the environment

P280 Wear protective gloves/clothing/eye protection/face protection

Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor

P330 Rinse mouth

Storage:

P405 Store locked up

Disposal:

P501 Dispose of contents/container to approved waste disposal

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	PERCENT
Glyceryl Thioglycolate and other esters	30618-84-9	>= 80
Glycerol	56-81-5	>= 18.5
Thioglycolic Acid	68-11-1	<= 1.5



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. May cause sensitization by skin contact.
Inhalation	If respiratory irritation or distress occurs remove victim to fresh air. Get medical attention if respiratory irritation or distress continues.
Ingestion	If ingestion does occur, rinse mouth & seek medical attention. Do NOT induce vomiting, unless directed to do so by a physician.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media	Foam, Carbon dioxide
Specific Hazards	Hazardous decomposition products formed under fire conditions: Sulphur oxides, Carbon dioxide, Carbon monoxide
Further information	Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Use water spray to cool unopened containers.
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: avoid contact with skin, eyes, an clothing. Isolate area. Keep unnecessary personnel away. Stay upwind. Ventilate spaces before entering.
Cleanup and Disposal of Spill:	Absorb with inert absorbent material. Dispose according to Local, State and Federal regulations.
Environmental precautions:	Do not allow contact with soil, surface or ground water. If the product contaminates rivers & lakes or drains- inform respective authorities.

SECTION 7: HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Wash hands thoroughly after handling. Use in well ventilated areas and 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: water-white
BOILING POINT: 471°F / 244°C
FLASH POINT: 365°F / 185°C
DENSITY: 1.31 g/cm³

MELTING POINT: -27°F / -33°C
pH as supplied: 3.1 ±0.3
VAPOUR PRESSURE: 147 kPa
WATER SOLUBILITY: >1000g/l

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions
Incompatible Materials Keep away from oxidizing agents
Possibility of hazardous reactions No dangerous reaction known under conditions of normal use

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity
Oral LD50 LD50 (Rat): 172 mg/kg (OECD 401)
Vapor LC50 LC0 (Rat): 2.04 mg/l (16 CFR 1500.3)
Dermal LD50 LD50 (Rat): > 2.000 mg/kg
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 and respiratory tract irritation
Sensitization May cause sensitization by skin contact.
Carcinogenicity No information available
Mutagenic Effects Did not show mutagenic effects in animal experiments
Reproductive Effects Did not show genotoxic effects in animal experiments
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



SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Do not empty into drains

Component	Freshwater Algae	Freshwater Fish	Microtox	Aquatic Invertebrates
Acetic acid, mercapto-monoammonium salt	EC50: 11 mg/L 72h (OECD 201)	LC50 (96h): 35 mg/l (OECD 203)	EC20: >1000 mg/L 3h (OECD 209)	EC50: 11 mg/L 48h (OECD 202)

Persistence and Degradability Not readily biodegradable

Bioaccumulation/Accumulation No information available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of as a hazardous waste in compliance with local, regional, and national hazardous waste regulations.

SECTION 14: TRANSPORT INFORMATION

	UN Number	Shipping Name	Classes	PG
US DOT	2810	Toxic, liquids, organic, n.o.s	8 (6.1)	III
IATA Classification	2810	Toxic, liquids, organic, n.o.s	8 (6.1)	III
Water (IMO) Classification	2810	Toxic, liquids, organic, 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 16, 2019

Revisions: 1

Reason for Revision: New Product

Prepared by: Laura I. Temming

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