



MATERIAL SAFETY DATA SHEET

SECTION 1- Chemical PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Eyelash Remover-Gel Type

Company Identification: ProLash

P.O. Box 940

Litchfield Park, Az 85340 USA

SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>% by Weight (approximate)</u>
Gamma Butyrolactone	96-48-0	< 80
Dimethylketone	67-64-1	> 3
Ethyl Alcohol	64-17-5	> 1.5
Cellulose	9004-64-2	> 10

SECTION 3- HAZARDS IDENTIFICATION

Appearance: colorless liquid.

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: May cause digestive tract disturbances. The toxicological properties of this substance have not been fully investigated. May be harmful if swallowed.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic: No information found.

SECTION 4- FIRST AID MEASURES

Eyes: Flush eyes with water.

Skin: Wash skin with soap and water.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water.

Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation: Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Inhalation: Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician: Treat symptomatically and supportively.

Antidote: None reported.

SECTION 5- FIRE FIGHTING MEASURES

General Information: As in any fire, wear a self-contained breathing apparatus in pressure demand, MSHA/NIOSH(approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: In case of fire, use water, dry chemical, chemical foam or alcohol-resistant foam.

Flash Point: 98 deg C (208.40 deg F)

Auto Ignition Temperature: 455 deg C (851.00 deg F)

Explosion Limits: Lower-3.60 vol% Upper-16.00 vol %

NFPA Rating (estimated): Health 1, Flammability 1, Instability 0

SECTION 6- ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place contaminated inert material in sealed container. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation.

SECTION 7- HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. use with adequate ventilation. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Keep out of reach of children.

Storage: Keep container closed when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep container tightly closed. Store protected from moisture.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash station and safety shower. Use process enclosure, local exhaust ventilation, or other engineering to control airborne levels.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Colorless
Odor: Mild Caramel Odor
pH: Not available
Vapor Pressure: 1.5hPa @ 20 deg C
Vapor Density: 3.0
Evaporation Rate: Not available.
Viscosity: Not available.
Boiling Point: 204-205 deg C
Freezing/Melting Point: -45 deg C
Decomposition Temperature: Not available.
Solubility: Miscible.
Specific Gravity/Density: 1.1200g/cm³
Molecular Formula: C₄H₆O₂ Molecular Weight: 86.09

SECTION 10- STABILITY AND REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Incompatible materials, strong oxidarits.
Incompatibilities with Other Materials: Strong oxidizing agents-strong acids-strong bases-strong reducing agents.
Hazardous Decomposition Products: Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.
Hazardous Polymerization: Has not been reported.

SECTION 11- TOXICOLOGICAL INFORMATION

LD₅₀/LC₅₀: Dermal, guinea pig: LD 50=>5gm/kg
Draize test, rabbit, skin: 400 uL Sever; Inhalation, rat: LC₅₀=>5100 mg/m³/4H
Oral, mouse: LD₅₀=1460mg/kg; Oral, rat: LD₅₀=1540 mg/kg
Carcinogenicity: Butyrolactone- IARC: Group 3 carcinogen
Epidemiology: No information available.
Teratogenicity: No information available.
Reproductive Effects: No information available.
Neurotoxicity: No information available.
Mutagenicity: No information available.
Other Studies: None reported

SECTION 12- ECOLOGICAL INFORMATION

No information available.

SECTION 13- DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION 14- TRANSPORT INFORMATION

No information available.

SECTION 15- REGULATORY INFORMATION

Regulations of the European Union (Labeling)/National Legislation/Regulators

EC-Number: 202-509-5 as in Annex VI of Directive 67/548/EEC

Hazardous Symbol(s): Xn Harmful, R-phrase(s)- R22 Harmful if swallowed, R41 Risk of serious damage to eyes, S-phrase(s)-S39 Wear eye/face protection, S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise. The labeling is based on our own experience.

Hazardous determinant component(s) for labeling: GAMMA-BUTROLACTONE Other regulations.

SECTION 16- OTHER INFORMATION

Recommended Use: fragrances, flavors, formulation agent, wood preservative, solvent(s), resinbound foundry cores, initial product for chemical synthesis.

Recommended Use: auxiliary, finishing agent.

Recommended Use: additives.

Note: The information contained herein is based upon data and information available to us, and reflects our best professional judgement, but is offered without guarantee or warranty. This information is furnished upon the condition that the person receiving it shall make his/her own determination of the suitability of the material for his/her particular use.

SECTION 7- HANDLING AND STORAGE

Handling Precautions: Avoid skin or eye contacts. Avoid prolonged or repeated breathing of vapors or mists. If spilled on clothing, launder before reuse. Do not ingest. Use only in a well ventilated area. Keep out of the reach of children.

Storage Requirements: Keep refrigerated. Keep container tightly closed when not in use. Do not get into eyes, on skin or on clothing. Monomer vapors can be evolved if material is heated. Containers will retain product residue vapors and are subject to proper waste disposal, as stated above.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Clothing/Equipment: The use of impermeable gloves when this material is handled is advised to prevent skin contact and skin irritation. Use chemical goggles if splashing occurs to prevent product from getting into your eyes.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

pH: N/A

Water Solubility: N/A

Boiling Point: 100 deg C

Fire Point: 238 deg C

SECTION 10- STABILITY AND REACTIVITY

Hazardous Decomposition Products: Thermal decomposition may yield acrylic monomer, carbon monoxide and carbon dioxide. Unidentified organic compounds in fumes and smoke may be formed during combustion.

SECTION 11- DISPOSAL CONSIDERATION

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Reproductive Effects: No information available.

Neurotoxicity: No information available.

Mutagenicity: No information available.
Other Studies: None reported.