



Safety Data Sheet

Sodium Polyglutamate (γ -PGA)

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Sodium Polyglutamate (γ -PGA)

INCI Name: Sodium Polyglutamate

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only.

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

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Hazard Pictograms:

Signal Word: Not Applicable

Hazard Classification: This substance does not meet the criteria for a dangerous or hazardous substance.

Hazard Category: Non-classified

Hazard Statements: Not Applicable

Precautionary Statements: Not Applicable

Other Hazards: None

Section 3: Composition / Information on Ingredients

Components: Sodium Polyglutamate.

INCI Name: Sodium Polyglutamate.

CAS No.: 28829-38-1

Additional Information: For full text of H-statements and R-phrases: see SECTION 16



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Section 4: First Aid Measures

Notable Exposure Symptoms: No particular precautions.

If Ingested: Drink water, seek medical attention if irritation develops.

If Inhaled: Not applicable, avoid breathing liquid or aerosols of material.

Eye Contact: Flush with water; seek medical advice if discomfort persists.

Skin Contact: Wash material off the skin with soap and water.

Section 5: Fire Fighting Measures

General Info: Flash point: Not applicable. Direct water spray may spread fire. Isolate any uncompromised product from area if possible. Do not breath fumes.

Extinguishing Method /

Equipment: Carbon dioxide (CO₂), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Hazardous Decomposition Info: None known.

Section 6: Accidental Release Measures

Personal Precautions, Protective

Equipment and Procedures: Ensure adequate ventilation. Use chemical safety goggles for eye/face protection.

Environmental Precautions: Non-hazardous, but avoid direct releases to the environment.

Containment Equipment and

Cleanup Procedures: Non-hazardous, but avoid direct releases to the environment.

Cleanup Procedures: Pick up with absorbent material and collect for disposal. Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

Section 7: Handling and Storage

Safe Handling Precautions: Keep working place well ventilated; no special precautions are needed under normal use conditions.

Recommendations for Storage: Avoid temperatures above 40°C (104°F). Optimum storage temperature is 24°C (75°F) or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.



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Section 8: Exposure Control / Personal Protection

Control Parameters: No additional information available.

General / Engineering

Controls: General mechanical ventilation is acceptable.

Eye/Face Protection: Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Protective gloves.

Body Protection: None required under normal conditions of use.

Respiratory Protection: None required under normal conditions of use.

Thermal Hazards: None required under normal conditions of use.

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

Section 9: Physical and Chemical Properties

Physical State: Solid

Appearance: Powder

Color: White or almost white

Odor: Characteristic

Odor Threshold: No data available

pH: No data available

Melting Point: Not applicable

Freezing Point: Not applicable

Boiling Point: Not applicable

Flash Point: Not applicable

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Evaporation Rate: Not applicable

Vapor Pressure: Not determined

Explosive Limits: Not applicable

Vapor Density: Not determined

Specific Gravity: No data available

Water Solubility: Soluble in water forming a clear solution

Viscosity (cP): Not determined

Explosion Properties: None

Oxidizing Properties: None

Partition coefficient: Not available

Other information: None available



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Section 10: Stability and Reactivity

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: It is degraded under the condition of strong acid or strong alkali.

Possibility of Hazardous

Reactions: Will not occur.

Conditions to Avoid: High temperature and a high level of humidity.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition

Products: None known.

Section 11: Toxicological Information

Acute Toxicity: None.

Irritation: No data available.

Corrosivity: No data available.

Sensitization: No data available.

Repeated Dose Toxicity: No data available.

Carcinogenicity: No data available.

Mutagenicity: No data available.

Toxicity for reproduction: No data available.

Section 12: Ecological Information

Toxicity: No ecotoxicity data available.

Aquatic Toxicity: No data available.

Persistence and Degradability: Readily biodegradable.

Bioaccumulative Potential: Not expected to be bio-accumulative in aquatic organisms.

Mobility in Soil: No data available.

Results of PBT and vPvB

Assessment: No data available.

Other Adverse Effects: None known.



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Section 13: Disposal Information

Product Disposal: Dispose of product in accordance with local, regional, and national regulations.

Container Disposal: Dispose of container in accordance with licensed collector's sorting instructions.

Other Considerations: No further information.

Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	Not regulated	Not regulated	Not regulated	Not regulated
Transport Hazard Class(es):	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group:	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable

Section 15: Regulatory Information

Safety, Health and Environmental Regulations, Legislation Specific for the Substance or Mixture.

Hazard Labeling: Not necessary.

California Prop 65: This product is not known to the State of California to cause cancer, birth defects or other reproductive harm.



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Section 16: Other Information

Indication of Changes: Version 1.0 created July 25, 2022

List of Relevant R-phrases

(number and full text): Not applicable

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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