



Material Safety Data Sheet
Polyglutamic Acid

Innova Cosmetic Solutions LLC.
18 W Wall Street. Frostproof FL
Phone: +1-863-332-9727
Email: dermafact@gmail.com

Revision date: January 1, 2021

SAFETY DATA SHEET: Polyglutamic Acid

For chemical Emergency Spill, Leak, Exposure, or Accident
Call CHEMTREC Day or Night

Within USA, Puerto Rico, Virgin Islands and Canada: 1-800-424-9300

In case of difficulties or for ships at sea, call +1-703-527-3887

Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

Section 1 - Product and Company Identification

Product Name: Polyglutamic Acid
Chemical Name: \hat{I}^3 -poly(L-glutamic acid) macromolecule
INCI: Polyglutamic Acid
Material Use: Chemicals for use in cosmetic and personal care applications
CAS#: 25513-46-6
Distributor: Innova Cosmetic Solutions LLC
www.dermafact.com; contact@innovacosmeticsolutions.com
18 W Wall St. Frostproof FL 33843
Tel: +1863-332-9727

Section 2 - Hazards Identification

Classification of the Substance or mixture: Not a hazardous substance or mixture

GHS label elements, including precautionary statement: Not a hazardous substance or mixture

Pictogram(s): No data available
Signal Word: No data available
Hazard Statement: No data available
Precautionary
Prevention: No data available
Response: No data available
Storage: No data available
Disposal: No data available

Other Hazards which do not result in classification: No data available

Section 3 - Composition / Information on Ingredient

Substances

CAS#	Chemical Name	Percentage	EINECS/ELINCS
25513-46-6	Poly(L-glutamic Acid)	90-100	Unlisted



Material Safety Data Sheet Polyglutamic Acid

Innova Cosmetic Solutions LLC.
18 W Wall Street, Frostproof FL
Phone: +1-863-332-9727
Email: dermafactors@gmail.com

Revision date: January 1, 2021

EMERGENCY OVER VIEW

Potential Health Effects

Eye:	May cause pain and conjunctival irritation
Skin	May cause pain and swelling on prolonged contact
Ingestion:	May cause gastrointestinal irritation with nausea, vomiting and diarrhea
Inhalation:	May cause irritation to mucous membranes and upper respiratory tract system
Chronic Effects:	Prolonged exposure may cause eye irritation. Exposure may affect cell growth rate and morphology.
Carcinogenicity:	NPT
IARC:	Not listed
OSHA:	Not regulated

Section 4 - First Aid Measures

Description of Necessary First-Aid Measures

Eyes:	In case of eye contact, flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, seek medical attention.
Skin:	In case of skin contact, wash skin with plenty of soap and water. Seek medical attention if irritation develops or persists.
Ingestion:	If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical aid.
Inhalation:	If inhalation occurs, remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if cough or other symptoms appear.
Note to physician:	Treat symptomatically and supportively.

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.
Extinguishing Media:	In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.
Special Hazards:	Nature of decomposition not known
Flash Point:	Not determined
Autoignition Temperature:	Not available
Explosion Limits, Lower/Upper:	Not available
Hazardous Decomposition Info:	None Known.
NFPA Rating:	(estimated) Health: 0; Flammability: 1; Instability: 0



Material Safety Data Sheet Polyglutamic Acid

Innova Cosmetic Solutions LLC.
18 W Wall Street. Frostproof FL
Phone: +1-863-332-9727
Email: dermafactors@gmail.com

Revision date: January 1, 2021

Section 6 - Accident Release Measure

- General Information:** Avoid dust formation, breathing vapors, mist, or gas.
- Large Spills:** Sweep up with a broom or shovel up, and then place in a chemical waste container. Clean spill area with soap and water.
- Small Spills:** Sweep up with a broom, or collect by a vacuum cleaner. Clean spill area with soap and water.

Section 7 - Handling and storage

- Safe Handling Precautions:** Provide for appropriate ventilation in places where dust is formed, and wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Keep product container tightly closed.
- Recommendation for Storage:** Store under argon, protect from light, and keep below -15°C.

Section 8 - Exposure Controls / Personal Protection

- Control Parameters:** Contains no substances with occupational exposure limit values
- Engineering Control:** General industrial hygiene

Personal Protection

- Respiratory Protection:** Respiratory protection is not required. If protection from nuisance levels of dust is required, use type N95 (US) or P1 (EN 143) dust masks. If desired, use NIOSH (US)/CEN (EU) approved respirator.
- Skin Protection:** Handle with gloves that are inspected prior to use. Use proper glove removal techniques to avoid contact with skin. Dispose of gloves in accordance with applicable laws and good laboratory practices.
- Eye Protection:** Use glasses/goggles for eye protection tested and approved under appropriate government standards.
- Additional Clothing and/or Equipment:** Safety shower and eye bath

Section 9 - Physical and Chemical Properties

- Appearance & Physical State:** Solid
- Color:** Off White
- Odor:** Slight
- Specific Gravity (H₂O=1):** Not determined
- Vapor Pressure (mmHg):** Not determined



Material Safety Data Sheet Polyglutamic Acid

Innova Cosmetic Solutions LLC.
18 W Wall Street, Frostproof FL
Phone: +1-863-332-9727
Email: dermafacto@gmail.com

Revision date: January 1, 2021

Vapor density (air-1):	Not determined
Percent Volatile by Volume:	Not determined
Evaporation Rate (butyl acetate=1):	Not determined
Boiling Point:	Not determined
Freezing Point / Melting Point:	Not determined
pH:	Not determined
Solubility in Water:	Not determined
Relative Density:	Not determined
Partition Coefficient (n-octanol/water):	Not determined
Auto-Ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined
Explosive Properties:	Not determined
Oxidizing Properties:	Not determined
Hazardous Decomposition products:	Not determined

Section 10 - Stability and Reactivity

Reactivity:	Not determined
Chemical Stability:	Stable under recommended storage conditions
Incompatibility:	Strong oxidizing agents and strong acids.
Hazardous Decomposition Products:	Not determined
Hazardous Polymerization:	Will not occur

Section 11 - Toxicological Information

Acute Toxicity:	Not determined
Oral Effects:	Not determined
Dermal Effects:	Not determined
Inhalation/respiratory Effects:	Not determined
Ocular Effects:	Not determined
Germ Cell Mutagenicity:	Not determined
Carcinogenicity:	(see below)
IARC:	No components of this product present at levels greater than or equal to 0.1% are identified as probable, possible, or confirmed human carcinogen by IARC.



Material Safety Data Sheet

Polyglutamic Acid

Innova Cosmetic Solutions LLC.
18 W Wall Street, Frostproof FL
Phone: +1-863-332-9727
Email: dermafactors@gmail.com

Revision date: January 1, 2021

ACGIH: No components of this product present at levels greater than or equal to 0.1% are identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No components of this product present at levels greater than or equal to 0.1% are identified as a known or anticipated carcinogen by NTP.

OSHA No components of this product present at levels greater than or equal to 0.1% are identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Effects: Not dertermined

**Specific Target Organ
Effectss (single** Not dertermined

**Specific Target Organ
Effectss (repeated
exposure)** Not dertermined

Aspiration Hazard: Not dertermined

Section 12 - Ecological Information

No data are available on the toxicity, persistence and degradability, bioaccumulation potential, mobility in soil, or assessment of PBT/vPvB of this material.

Section 13 - Disposal Considerations

Waste disposal method: Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Offer surplus and non-recyclable solutions to a licensed disposal company.

Section 14 - Transport Information

DOT (US): Not a dangerouse good

IMDG: Not a dangerouse good

IATA: Not a dangerouse good

Section 15 - Regulatory Information

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: No SARA Hazards

Massachusetts Right to Know Components: No Components are subject to the Massachusetts Right to Know Act.



Material Safety Data Sheet
Polyglutamic Acid

Innova Cosmetic Solutions LLC.
18 W Wall Street. Frostproof FL
Phone: +1-863-332-9727
Email: dermafactors@gmail.com

Revision date: January 1, 2021

Pennsylvania & New Jersey Right to Know Components: Amino-poly(L-glutamic acid), CAS# 25513-46-6

California Prop. 65 Components: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16 - Additional Information

HMIS Rating:

Health Hazard: 0
Chronic health hazard: Not determined
Flammability: 0
Physical hazard: 0

NFPA Rating

Health hazard: 0
Fire hazard: 0
Reactivity hazard: 0

Legal Disclaimer:

Since the user's working conditions are unknown to us, the information supplied in this safety datasheet 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.

Innova Cosmetic Solution LLC/dermafactors.com 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.

INNOVA COSMETIC SOLUTIONS LLC/DERMAFACTORS.COM MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, INNOVA COSMETIC SOLUTIONS LLC/DERMAFACTORS.COM WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.

End of TDS