



Section 1. Product and Company Identification

Product Name Polyglyceryl-6 Distearate
CAS Number 34424-97-0

Parchem - fine & specialty chemicals

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EMERGENCY RESPONSE NUMBER
CHEMTEL

Toll Free US & Canada: 1 (800) 255-3924

All other Origins: 1 (813) 248-0585

Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Not classified as a hazardous substance or mixture

GHS Label Elements

Pictograms: N/A

Signal word: N/A

Hazard and precautionary statements

None

Hazards type: Non-hazards

Human health hazards: The steam pressure of the product is low, so there is no inhalation hazard.

Combustion hazards: incombustible, non-irritating.

Section 3. Composition / Information on Ingredients

Common Name Polyglyceryl-6 Distearate
CAS Number 34424-97-0

COMPONENT	CAS NUMBER	CONCENTRATION
Polyglyceryl-6 Distearate	34424-97-0	98%
Water	7732-18-5	0.01%

Section 4. First Aid Measures

Eye contact: Get medical attention. Immediately flush eyes with water for at least 15 minutes while holding eyelids open.

Skin contact: Can be directly contacted.

Ingestion: Get medical attention. Do not induce vomiting without medical advice. If conscious, washout mouth and give water to drink. If reflexive vomiting occurs, rinse mouth and repeat



administration of water.

Inhalation: Remove to fresh air, treat symptomatically. If symptoms develop, seek medical advice.

Section 5. Firefighting Measures

Flash Point: >280°C

Extinguishing Media: Foam; Carbon dioxide; Dry powder; Other extinguishing agent suitable for Class B fires; For large fires, use water spray or fog, thoroughly drenching the burning material. Water mist may be used to cool closed containers.

Unsuitable Extinguishing Media: Do not use water unless flooding amounts are available.

Fire and Explosion Hazard: Low Fire Hazard; liquids may burn upon heating to temperatures at or above the flash point. Empty product containers may contain product residue. Do not pressurize, cut, heat, weld, or expose containers to flame or other sources of ignition. May evolve oxides of carbon (CO_x) under fire conditions.

Special Protective Equipment for Firefighting: In case of fire, wear a full face positive-pressure self-contained breathing apparatus and protective suit

Section 6. Accidental Release Measures

Personal Precautions: Restrict access to area as appropriate until clean-up operations are complete. Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection). Stop or reduce any leaks if it is safe to do so. Ventilate spill area if possible. Remove sources of ignition.

Methods for Cleaning Up

Small Spills: Soak up spill with absorbent material. Place residues in a suitable, covered, properly labeled container. Wash affected area.

Large Spills: Contain liquid using absorbent material, by digging trenches or by diking. Reclaim into recovery or salvage drums or tank truck for proper disposal. Clean contaminated surfaces with water or aqueous cleaning agents. Contact an approved waste hauler for disposal of contaminated recovered material. Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations).

Environmental Precautions: Prevent material from entering sewers or waterways.

Section 7. Handling and Storage

Handling: Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Do not breathe vapors/gases/dust. Keep the containers closed when not in use. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Ensure all containers are labelled.

Storage conditions: Store in suitable labelled containers. Store the containers tightly closed. Store separately from oxidizers. Store away from heat and sources of ignition. Protect product from freezing.

Section 8. Exposure Controls / Personal Protection

Occupational exposure limits: This product does not contain any substance that has an established exposure limit.

Engineering measures: General ventilation is recommended.

Personal Protection

General Advice: The use and choice of personal protection equipment is related to the hazard of the product, the workplace and the way the product is handled. In general, we recommend as a minimum precaution that safety glasses with side-shields and work clothes protecting arms, legs and body be used. In addition any person visiting an area where this product is handled should at least wear safety glasses with side-shields.

Respiratory Protection: At ambient temperature none needed for vapor. If product is heated or if aerosol generation is likely, the use of a half face filter mask is recommended. An organic vapor cartridge with dust/mist prefilter may be used.

If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

Hand Protection: Nitrile gloves, Butyl gloves, Neoprene gloves, PVC gloves

Skin Protection: See general advice.

Eye Protection: Wear chemical splash goggles.

Hygiene Recommendations: Use good work and personal hygiene practices to avoid exposure. Consider the provision in the work area of a safety shower and eyewash. Always wash thoroughly after handling chemicals. When handling this product never eat, drink or smoke.

Section 9. Physical and Chemical Properties

Appearance: Yellow waxy solid (25°C)

Saponification number: 115 - 130 mg KOH/g

Acid value number: ≤ 2 mg KOH/g

PH (1% aqueous solution): 6.0 - 8.0

Freezing point: Not determined

Melting point: 55 - 58°C

Density: Not determined

Flash point: $> 280^{\circ}\text{C}$

Solubility: Soluble in water, Insoluble in alcohol and Other solvent.

VOC Content: 0 %

Note: These physical properties are typical values for this product and are subject to change.

Section 10. Stability and Reactivity

Stability: Stable under normal conditions.

Hazardous Polymerization: Hazardous polymerization will not occur.

Conditions to Avoid: Avoid extremes of temperature.



Materials to Avoid: Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors.

Hazardous Decomposition Products

Under fire conditions: Oxides of carbon

Section 11. Toxicological Information

Aquatic organism (LD50): Not determined

Irritant: Not determined

Sensitization: Not determined

Mutagenicity: Not determined

Teratogenicity: Not determined

Carcinogenicity: None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the American Conference of Governmental Industrial Hygienists (ACGIH).

Human Hazard Characterization: Based on our hazard characterization, the potential human hazard is Low

Section 12. Ecological Information

Persistency and Degradation

Biological Oxygen Demand (BOD): No

Environmental Hazard Characterization

Based on our hazard characterization, the potential environmental Hazard is: No

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

DOT: This substance is considered to be non-hazardous for transport.

IATA: Non-hazardous for Air transport.

IMO: Non-hazardous for Sea Transport.

Section 15. Regulatory Information

Security laws and rules: applicable

Law of environmental protection: applicable



Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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