



# Safety Data Sheet

## Artichoke Leaf Extract

Complies with 29 CFR 1910.1200

### Section 1: Company and Product Identification

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**Product Name:** Artichoke Leaf Extract

**INCI Name:** Propanediol, Water, Glycerin, Cynara Scolymus (Artichoke) Leaf Extract

**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

**Hazard Category:** Non-classified

**Hazard Statements:** Not Applicable

**Precautionary Statements:** Not Applicable

**Other Hazards:** None



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### Section 3: Composition / Information on Ingredients

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Name	Hazard Category	CAS#	Weight %
Propanediol	Not classified	504-63-2	20 - 30%
Water	Not classified	7732-18-5	35 - 45%
Glycerin	Not classified	56-81-5	30 - 40%
Cynara Scolymus (Artichoke) Leaf Extract	Not classified	84012-14-6	2 - 5%
Sodium Benzoate (preservative)	H319	532-32-1	0.25 - 0.35%
Gluconolactone (additive)	Not classified	90-80-2	1 - 1.2%
Calcium Gluconate (additive)	Not classified	299-28-5	0.015 - 0.02%

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

### Section 4: First Aid Measures

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**General Info:** Product may give off vapors in appreciable quantities affecting the inhalation route. Ensure proper ventilation.

**Notable Exposure Symptoms:** None known.

**If ingested:** If large amount is swallowed or symptoms develop, obtain medical attention.

**If inhaled:** Remove victim to fresh air.

**Eye contact:** Rinse away thoroughly with water for at least 15 minutes.

**Skin contact:** Remove clothing contaminated with the product immediately. Wash with soap and water.



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### Section 5: Fire Fighting Measures

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**General Info:** Flash point: 105 °C (221 °F).

**Extinguishing Method /**

**Equipment:** Carbon dioxide (CO<sub>2</sub>), 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

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**Personal precautions, protective**

**equipment and procedures:** Do not try to clean up the leak without proper protective equipment. See Section 8.

**Environmental Precautions:** Avoid liquid to enter sewer/public waters. Notify environmental authorities in case of large leaks.

**Containment Equipment and**

**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

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**Safe Handling Precautions:** Handle in accordance with good industrial hygiene and safety practices.

**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.

### Section 8: Exposure Control / Personal Protection

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**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.



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### Section 9: Physical and Chemical Properties

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**Physical State:** Liquid

**Color:** Pale brown - Brown

**Odor:** Characteristic

**Odor Threshold:** No data available

**pH:** < 7.5, within the established safety limits: 2 - 11.5 (EC 440/2008 part B.4, OECD No 404)

**Melting Point:** No data available

**Freezing Point:** No data available

**Boiling Point:** No data available

**Flash Point (COC):** 105 °C (221 °F)

**Auto-ignition Temperature:** 405 °C

**Decomposition Temperature:** No data available

**Evaporation Rate:** No data available

**Vapor Pressure:** No data available

**Explosive Limits:** No data available

**Vapor Density:** No data available

**Relative Density:** > 1.000

**Water Solubility:** Soluble in water

**Viscosity (cP):** No data available

**Explosion Properties:** No data available

**Oxidizing Properties:** No data available

**Partition coefficient:** No data available

**Other information:** None available

### Section 10: Stability and Reactivity

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**Reactivity:** No data available.

**Chemical Stability:** Stable under usual conditions.

#### Possibility of Hazardous

**Reactions:** Will not occur.

**Conditions to Avoid:** Keep sources of ignition at a distance.

**Incompatible Materials:** No data available.

#### Hazardous Decomposition

**Products:** Will not occur.



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### Section 11: Toxicological Information

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**Acute Toxicity:** Non-toxic.

**Skin Corrosion/Irritation:** Non-irritant.

**Eye Irritation:** Non-irritant.

**Sensitization:** Non-sensitizing.

**Mutagenicity:** Non-mutagenic.

**Carcinogenicity:** Non-carcinogenic.

**Toxicity for Reproduction:** Non-toxic.

**Repeated Dose Toxicity:** Non-Toxic.

### Section 12: Ecological Information

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**Toxicity:** Glycerin: Multiplication inhibition test in algae (*Microcystis aeruginosa*) and protozoa (*Entosiphon sulcatum*): Toxicity threshold = 2900 mg/l and 3200 mg/l (HDSB no. 492, revision: 20050624). Glycerin (HDSB no. 492, revision 20050624): LC50 goldfish > 5000 mg/l/24h. Polyquaternium-16: Toxicity to fish/*Leuciscus idus*/LC50 (96h) < 0.2-0.5 mg/l; Aquatic invertebrates/*Daphnia magna*/EC50 (48h) = 0.997 mg/l; Aquatic plants/*Desmodesmus subspicatus*/EC50 (72h): 0.303 mg/l; Activated sludge/EC20 > 1000 mg/l. Rating: Very toxic to aquatic organisms. During introduction of low concentrations, variations in the function of the activated sludge of the biologically adapted sewage plant are not expected (supplier data).

**Persistence and Degradability:** Glycerin (HDSB no. 492, revision: 20050624): Activated sludge test: 220 mg/l resulted in a COD of 97%; Test in a 5 days: BOD = 82%. Glycerin is considered an easily degradable source. Polyquaternium-16: OECD Test Guideline 302B/COD diminution/elimination value: 20-70%, Rating: Hard biological degradation (supplier data).

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

**Results of PBT and vPvB**

**Assessment:** No data available.

**Other Adverse Effects:** No data available.



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### Section 13: Disposal Information

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**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

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

### Section 15: Regulatory Information

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

No data available.

**Chemical Safety Assessment:** No data available.

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



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### Section 16: Other Information

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**Indication of Changes:** Version 1 created October 14, 2020

**List of Relevant R-phrases**

**(number and full text):** H319: Causes serious eye irritation.

**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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