



Safety Data Sheet Milk Thistle Seed Oil

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Milk Thistle Seed Oil

INCI Name: Silybum Marianum (Milk Thistle) Seed Oil

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

Name	Hazard Category	CAS#	Weight %
Silybum Marianum (Milk Thistle) Seed Oil	Not classified	84604-20-6	100%

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: Direct contact with eyes may cause temporary irritation. No other adverse clinical effects are known to be associated with exposure to this material. No immediate medical treatment normally needed.

If ingested: Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low, so that stomach vomit doesn't enter the lungs.

If inhaled: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.

Eye contact: Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eyelids.

Skin contact: Remove all contaminated clothing. Get medical attention if irritation develops and persists. Wash skin thoroughly with soap and water for several minutes.

Section 5: Fire Fighting Measures

General Info: Flash point: > 482.0 °F (> 250.0 °C) Closed Cup. Static charges generated by emptying package in or near flammable vapor may cause flash fire.

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: Fire may produce irritating, corrosive and/or toxic gas.

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering.

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

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.



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Section 7: Handling and Storage

Safe Handling Precautions: Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.

Recommendations for Storage: Keep container closed. Handle with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.

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

Section 8: Exposure Control / Personal Protection

Control Parameters: No additional information available

General / Engineering

Controls: Use explosion-proof ventilation equipment to stay below exposure limits. Adequate ventilation should be provided so that exposure limits are not exceeded.

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

Hand Protection: Chemical resistant gloves.

Body Protection: Wear suitable protective clothing.

Respiratory Protection: Respiratory protection not required. If ventilation is insufficient, suitable respiratory protection must be provided.

Thermal Hazards: Wear appropriate thermal protective clothing, when necessary.

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

Physical State: Liquid

Appearance: Clear

Color: Light yellow to golden

Odor: Characteristic, mild

Odor Threshold: No data available

pH: Not available

Melting Point: Not available

Freezing Point: Not available

Boiling Point: Not available

Flash Point (COC): > 482.0 °F (> 250.0 °C) Closed Cup

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Evaporation Rate: Not available

Vapor Pressure: Not available

Explosive Limits: Not applicable

Relative Density: 0.915 - 0.925 @ 20 °C

Vapor Density: Not available

Specific Gravity: Not available

Water Solubility: Insoluble in water

Refractive Index: 1.471 - 1.475 @ 20 °C

Viscosity (cP): Not available

Explosion Properties: None

Oxidizing Properties: None

Partition coefficient: Not available

Other information: None available

Section 10: Stability and Reactivity

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical Stability: Material is stable under normal conditions.

Possibility of Hazardous

Reactions: No dangerous reaction known under conditions of normal use.

Conditions to Avoid: Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition

Products: No hazardous decomposition products if stored and handled as indicated.



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Section 11: Toxicological Information

Acute Toxicity: Not available. Due to partial or complete lack of data, the classification is not possible.

Irritation: *in vitro* dermal testing of similar materials show product to be non-irritating.

Corrosivity: This is not a corrosive product.

Sensitization: No data available.

Repeated Dose Toxicity: No data available.

Carcinogenicity: None of the components are listed as a carcinogen by IARC, OSHA, and NTP.

Mutagenicity: Not expected to present a germ cell mutagenicity hazard.

Toxicity for reproduction: Not expected to affect reproduction or development.

Section 12: Ecological Information

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Aquatic Toxicity: No data available.

Persistence and Degradability: No data available.

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

Mobility in Soil: Since the product is completely soluble in water, it is expected to be highly mobile in soil.

Results of PBT and vPvB

Assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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

US Federal Regulations: Toxic Substances Control Act (TSCA): Not regulated.

CERCLA: Hazardous Substance List (40 CFR 302.4): Not listed.

SARA 304: Emergency release notification: Not regulated.

OSHA: Specifically Regulated Substances (29 CFR 1910.1001-1053): Not regulated.

SARA 302/311/312/313: Not regulated or listed under Superfund Amendments and Reauthorization Act of 1986 (SARA).

Clean Air Act: (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.

Clean Air Act: (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not regulated.

Safe Drinking Water Act: (SDWA): Not regulated.

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

Indication of Changes: Version 1.0 created July 25th, 2023

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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