



Safety Data Sheet

L-Ascorbic Acid, Ultrafine

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: L-Ascorbic Acid, Ultrafine

INCI Name: Ascorbic Acid

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: Warning

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

Hazard Category: Non-classified

Hazard Statements: May form combustible dust concentrations in air.

Precautionary Statements: Not Applicable

Other Hazards: Risk of dust explosion.

Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Ascorbic Acid (Vitamin C)	Not classified	50-81-7	99 - 100%

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



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Section 4: First Aid Measures

General Info: No hazards which require special first aid measures.

Notable Exposure symptoms: No specific symptoms known.

If ingested: Clean mouth with water and drink plenty of water afterwards.

If inhaled: Move to fresh air. If symptoms persist, call a physician.

Eye contact: Flush eyes with water as a precaution. Remove any contact lenses. Protect unharmed eye. Keep eye(s) wide open and continue rinsing.

Skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.

Section 5: Fire Fighting Measures

General Info: Considered a dust explosion hazard. Direct water spray may spread fire. Isolate any uncompromised product from area if possible. Do not breathe 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: Use personal protective equipment. Avoid dust formation.

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

Containment Equipment and

Procedures: Sweep up and shovel.

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: Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed. Take precautionary measures against static discharges.

Recommendations for Storage: Keep container tightly closed and dry. Store in a cool dry place.

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



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Section 8: Exposure Control / Personal Protection

Control Parameters: Contains no substances with occupational exposure limit values.

General / Engineering

Controls: General mechanical ventilation is acceptable.

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

Hand Protection: Protective gloves.

Body Protection: Lightweight protective clothing.

Respiratory Protection: None required under normal conditions of use. In case of high dust concentration use a dust mask applicable to local conditions.

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.

Environmental Exposure

Controls: Non-hazardous but avoid direct releases to the environment.

Section 9: Physical and Chemical Properties

Physical State: Powder

Appearance: Fine

Color: White - pale yellow

Odor: odorless

Odor Threshold: No data available

pH: 2.2 - 2.5 (5%) (as aqueous solution)

Melting Point: ca. 190 °C with decomposition

Freezing Point: Not determined

Boiling Point: Not determined

Flash Point (COC): Not applicable - May form combustible dust concentrations in air

Auto-ignition Temperature: Not available

Decomposition Temperature: Decomposes on heating. Potential for exothermic hazard.

Evaporation Rate: Not applicable

Vapor Pressure: < 0.001 hPa (25 °C; calculated (citation from literature))

Explosive Limits: Not applicable

Vapor Density: Not applicable

Specific Gravity: Not determined

Water Solubility: Ca. 300 g/l (20 °C)

Viscosity (cP): Not determined

Explosion Properties: None

Oxidizing Properties: None

Partition coefficient: log Pow -2.0

Other information: None available



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Section 10: Stability and Reactivity

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous

Reactions: Dust may form explosive mixture in air.

Conditions to Avoid: Exposure to air. (as aqueous solution)

Incompatible Materials: Oxidizing agents. Bases.

Hazardous Decomposition

Products: No decomposition if used as directed.

Section 11: Toxicological Information

Acute Toxicity: Oral LD50 is anticipated to be >5g/kg based on testing of similar materials.

Irritation: *in vitro* dermal testing of similar materials show product to be non-irritating. Dust contact with the eyes can lead to mechanical irritation.

Corrosivity: This is not a corrosive product.

Sensitization: Testing of similar materials show the product to be non-sensitizing.

Repeated Dose Toxicity: No data available.

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

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

Toxicity for reproduction: This information is not available.

Section 12: Ecological Information

Toxicity: Fish: *Oncorhynchus mykiss* (rainbow trout) LC50 (96 h) 1,020 mg/l (OECD Test Guideline 203).

Aquatic Toxicity: No data available

Persistence and Degradability: Well inherently biodegradable. 100% (15 d) 97%, (5 d) (OECD Test Guideline 302B).

Bioaccumulative Potential: Partition coefficient: n-octanol/water: log Pow -2.0.

Mobility in Soil: No data available

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

General Information: 49 CFR: Not classified as dangerous in the meaning of transport regulations.

	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



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Section 15: Regulatory Information

CERCLA Reportable Quantity: This material does not contain any components with the CERCLA RQ.

SARA 304: This material does not contain any components with a section 304 EHS RQ.

SARA 311/312: Combustible dust.

SARA 302: This material does not contain any components with a section 302 EHS TPQ.

SARA 313: 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.

Clean Air Act: This product neither contains, nor was manufactured with Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act: This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

US State Regulations

Massachusetts Right To Know: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know: Ascorbic Acid

TSCA List: No substances are subject to a Significant New Use Rule.
No substances are subject to TSCA 12(b) export notification requirements.

California Prop 65: This product may contain Lead (≤ 1 ppm), Mercury (≤ 0.1 ppm), Cadmium (≤ 0.5 ppm), Nickel (≤ 2 ppm), Arsenic (≤ 1 ppm), and Methanol (≤ 60 ppm), which are 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 1.2 created April 2, 2020

HMIS Rating: 0-2-1

NFPA Rating: 0-2-1

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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