



Safety Data Sheet

Silvérion 2400

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Silvérion 2400

INCI Name: Silver Citrate (and) Citric 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: Eye Damage/Irritation

Hazard Category: 2B

Hazard Statements: Causes eye irritation

Precautionary Statements: Wash contacted areas of body thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes.

Other Hazards: None

Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Water	Not classified	7732-18-5	>76%
Citric Acid	Not classified	77-92-9	<22%
Silver Ions	Not classified	14701-21-4	0.24

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: Non-toxic. Known to cause eye irritation.

If ingested: If irritation or discomfort occurs, call a physician. Do not induce vomiting

If inhaled: If breathing is affected, remove victim to fresh air and consult a physician

Eye contact: Hold eyelids open and flush thoroughly with a steady, gentle stream of water for at least 15 minutes. If irritation persists, call a physician.

Skin contact: Wash material off the skin with soap and water

Section 5: Fire Fighting Measures

General Info: Not Flammable or combustible

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: Ensure adequate ventilation. Use chemical safety goggles for eye/face protection.

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.

Section 7: Handling and Storage

Safe Handling Precautions: Close container tightly when not in use. After dilution, rinse hands and measuring containers with water.

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.



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Section 8: Exposure Control / Personal Protection

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.

Environmental Exposure

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

Section 9: Physical and Chemical Properties

Physical State: Liquid

Appearance: Clear

Color: Colorless

Odor: Characteristic, near odorless

Odor Threshold: No data available

pH: 1.4 - 1.6

Melting Point: Not determined

Freezing Point: Not determined

Boiling Point: Not determined

Flash Point (COC): Not determined

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Evaporation Rate: Not applicable

Vapor Pressure: Not determined

Explosive Limits: Not applicable

Vapor Density: Not determined

Specific Gravity: 1.09

Water Solubility: Water soluble

Viscosity (cP): Not determined

Explosion Properties: None

Oxidizing Properties: None

Partition coefficient: Not available

Other information: None available



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Section 10: Stability and Reactivity

Reactivity: Stable. Not reactive under normal conditions of use

Chemical Stability: No known hazardous reactions

Possibility of Hazardous

Reactions: None known

Conditions to Avoid: Gross bacterial contamination

Incompatible Materials: Slightly incompatible with with aluminum and copper metals after prolonged exposure

Hazardous Decomposition

Products: None known

Section 11: Toxicological Information

Acute Toxicity: Oral and Dermal - Rat (LD50>5000 mg/Kg)

Irritation: Primary eye irritation - Rabbit: Slightly Irritating

Corrosivity: This is not a corrosive product.

Sensitization: Guinea pigs, dermal - Not a contact sensitizer

Repeated Dose Toxicity: No data available

Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive.

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

Toxicity for reproduction: Not expected to affect reproduction or development

Section 12: Ecological Information

Toxicity: No ecotoxicity data available.

Aquatic Toxicity: No data available

Persistence and Degradability: Redily degraded. Ionic silver is degraded into inert elemental silver or insoluble silver complexes in the environment

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

EU EINECS/ELINCS/NLP: Listed on the EINECS Inventory

Canada DSL/NDSL: Listed on the NDSL

US TSCA: Listed in the EPA TSCA Inventory

Korea KECI: Listed on the ECL

China IECSC: Listed on the Republic of China's IECSC in China

Japan ENCS: All substances in product are listed on the Japanese ENCS Inventory

Philippine PICCS: Not listed

Australia AICS: Not listed

Chemical Safety Assessment: No Chemical Safety Assessment has been carried out for this mixture by the supplier.



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Section 16: Other Information

Indication of Changes: Version 1 created March 16, 2016

HMIS: 1-0-0

NFPA: 0-1-0

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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