

Argireline Amplified

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 13-May-2024
Supersedes: Feb-2021

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Argireline Amplified	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Water, Acetyl-Hexapeptide-8, Sodium Benzoate	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	7732-18-5, 616204-22-9, 532-32-1	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified.												
GHS Labeling:	Not a dangerous substance according to GHS.												
GHS Hazard Pictograms:	None.												
GHS Hazard Statements:	None.												
GHS Precautionary Statements:	None.												
Potential Health Hazards:	Eyes: Not expected to be an irritant. Inhalation: Not expected to be an irritant. Skin: Not expected to be an irritant. Ingestion: Not expected to be an irritant.												
NFPA Ratings (704):	<table border="1"> <tr> <td>Health</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Flammability</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Reactivity</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2">N/A</td> </tr> </table>	Health	N/A	N/A	Flammability	N/A	N/A	Reactivity	N/A	N/A	Specific Hazard	N/A	
Health	N/A	N/A											
Flammability	N/A	N/A											
Reactivity	N/A	N/A											
Specific Hazard	N/A												

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Water	7732-18-5	≤100%	Not Available
Acetyl-Hexapeptide-8	616204-22-9	0.0455 - 0.055%	Not Available
Sodium Benzoate	532-32-1	0.45 - 0.55%	Not Available

4 FIRST AID MEASURES

Eyes:	Rinse immediately with plenty of water. If eye irritation persists, get medical advice/attention.
Inhalation:	Not expected to be an irritant under normal conditions of use.
Skin:	Rinse with water. Seek medical attention if necessary.
Ingestion:	Not toxic. If discomfort symptoms appear, seek medical attention. Do Not Induce Vomiting. Never give anything by mouth to an unconscious person.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (water, carbon dioxide, foam, dry powder) for adjacent fire. No unsuitable extinguish media listed.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	> 203°F (95°C)
Specific hazards arising from the chemical:	None listed. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Avoid direct eye contact. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	A spill can be contained by capping the container. For cleaning up a spill, use a suitable absorbent and pump it into the correct container. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Avoid spills. Do not eat, drink and smoke in work areas. Do not wear contaminated clothing or shoes. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Keep the product in a clean, cool, and dark place. Avoid extreme environmental conditions. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Argireline Amplified	Not available	Not available	Not available

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes:	Wear safety glasses.
Inhalation:	No special precautions for normal use.
Body:	Wear chemical resistant gloves. Full protective clothing is not required, but it recommended.
Other:	Environmental protection legislation for every country must be observed. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Transparent solution	Vapor Pressure:	No data available
Odor:	No data available	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Colorless	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	4.0 - 5.5	Flash Point:	> 203°F (95°C)
Boiling Point:	No data available	Specific Gravity:	No data available
Melting Point:	No data available	Water Solubility:	No data available
Relative Density:	0.95 - 1.05	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Dynamic Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Refractive Index:	1.314 - 1.354

10 STABILITY AND REACTIVITY

Reactivity:	No reactivity hazards known.
Chemical Stability:	The substance/mixture is stable if stored and handled as recommended.
Hazardous Polymerization:	No data available.

Conditions to Avoid:	None known if stored and handled as recommended.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	No hazardous decomposition products known if stored and handled as recommended.
Possible Hazardous Reactions:	No hazardous reactions known if stored and handled as recommended.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Not considered an irritant.
Eyes:	Argireline Amplified peptide is classified as non-irritating at 25 mg/ml in a HET-CAM test.
Inhalation:	No data available.
Ingestion:	No data available.
Carcinogenicity:	No data available.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Argireline® Amplified peptide did not induce gene mutations under the experimental conditions (AMES test).
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Sensitization:	Not considered sensitizing.
Corrosivity:	No data available.
Likely Routes of Exposure:	No health effects known for the substance/mixture.
Additional Information:	No potential adverse health effects or symptoms known. Argireline Amplified peptide proved to not have significant toxicity effects on 3T3 fibroblasts cell cultures (IC50=n.d. (> 25 mg/ml) (24.78 mM)). Argireline Amplified peptide showed low cytotoxic effects on human epidermal keratinocyte cell cultures (IC50= n.d. (> 25 mg/ml) (24.78 mM)). Argireline Amplified peptide proved to not present phototoxicity at the tested concentrations on 3T3 fibroblast cell cultures.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	Argireline Amplified Peptide: Readily biodegradable (28 days, DOC die-away test, OECD 301A). Sodium Benzoate: Readily biodegradable under aerobic conditions (Richterich, 1989; Kravetz, 1991).
Bioaccumulative Potential:	Based on product properties, no bioaccumulation is expected.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	None known.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	This material and its container should be disposed safely avoiding release to the environment. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.
Product Containers:	This material and its container should be disposed safely avoiding release to the environment. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	No data available.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	No data available.

IATA (International Air Transport Association): No data available.
 ICAO (International Civil Aviation Organization): No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status: No ingredients restricted by applicable cosmetic regulations.
Canada (DSL): No ingredients listed in HOTLIST schedule.
EU (EINECS): No data available.
China (IECSC): All ingredients listed in IECIC schedule.
Australia (AICS): All ingredients listed in AICS schedule.
Australia (SUSMP): No ingredients listed in SUSMP.
Taiwan (TCSI): No data available.
Japan: No ingredient restrictions known on the Standards for Cosmetics, Notification No. 331/2000, as amended in April 2016.
 Exception: Sodium Benzoate (maximum permitted amount: 1.0 g per 100 g).
European Union: In accordance with Regulation 1223/2009 on cosmetic products.
Brazil: In accordance with article 11 from Resolution RDC No. 7 of February 10, 2015.
Philippines (PICCS): No data available.
Korea (ECL): No data available.
New Zealand: No data available.
California Prop. 65: No ingredients listed in California's Proposition 65.
REACH: Water: Exempt (Annex IV)
 Acetyl Hexapeptide-8: Exempt (<1 ton/year)
 Sodium Benzoate: Registered (01-2119460683-35-XXXX)

*The obligation to notify to NICNAS applies only to import volumes over 10kg of substance/year.

16 OTHER INFORMATION

Revision Date: 13-May-2024
Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.