

Plant Collagen-Like Protein, Hydrolyzed

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

Revision Date: 17-Apr-2024
Supersedes: 09-Nov-2020

1 PRODUCT & COMPANY IDENTIFICATION

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|----------------------|---|------------------------------------|--|
| Product Name: | Plant Collagen-Like Protein | Distributor: | MakingCosmetics Inc. |
| Synonyms: | No data available | Address: | 10800 231 st Way NE Redmond, WA 98053 (USA) |
| INCI Name: | Water, Hydrolyzed Soy Protein, Rice Amino Acids, L-Proline, Hydrolyzed Adansonia Digitata Seed Extract, Sodium Benzoate | Phone / Fax: | 425-292-9502 / 425-292-9601 |
| CAS Number: | 7732-18-5, 68607-88-5, 65072-01-7, 147-85-3, 91745-12-9, 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

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|--------------------------------------|---|--------|-----|-----|--------------|-----|-----|------------|-----|-----|-----------------|-----|--|
| GHS Classification: | The substance does not meet the criteria for a hazardous substance. | | | | | | | | | | | | |
| GHS Labeling: | Not applicable. | | | | | | | | | | | | |
| 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

| <u>Component</u> | <u>CAS No.</u> | <u>Weight %</u> | <u>Molecular Weight</u> |
|--|----------------|-----------------|-------------------------|
| Water | 7732-18-5 | >75.0% | Not Available |
| Hydrolyzed Soy Protein | 68607-88-5 | 13.4 - 16.1% | Not Available |
| Rice Amino Acids | 65072-01-7 | 4.3 - 6.3% | Not Available |
| L-Proline | 147-85-3 | 0.5 - 3.0% | Not Available |
| Hydrolyzed Adansonia Digitata Seed Extract | 91745-12-9 | 0.4 - 0.7% | Not Available |
| Sodium Benzoate | 532-32-1 | 1.0 ± 0.1% | Not Available |

4 FIRST AID MEASURES

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| Eyes: | Flush with water. Seek medical advice if discomfort persists. |
| Inhalation: | Not applicable, avoid breathing liquid or aerosols of material. Seek medical attention if necessary. |
| Skin: | Wash material off the skin with soap and water. Seek medical attention. |
| Ingestion: | Drink water. Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Seek medical attention. |
| Acute/Delayed Symptoms: | Not expected to be a skin or eye irritant (based on available data). Non-toxic by oral ingestion (based on nature of material). No other adverse clinical effects are known to be associated with exposure to this material. No immediate medical treatment normally needed. |

5 FIRE-FIGHTING MEASURES

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| Suitable (and unsuitable) extinguishing media: | May be combustible at high temperature. Use appropriate media (dry chemical, CO ₂ , foam, halon, water spray (fog)) for adjacent fire. Do not use direct or heavy water stream to fight fire as it may splash burning liquid. |
| Special protective equipment & precautions for firefighters: | Wear self-contained breathing apparatus with a full-face piece and full protective clothing, including eye protection and boots. |
| Flash Points: | > 250° F (COC) |
| Specific hazards arising from the chemical: | None listed. See also Stability and reactivity section. |

6 ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment & emergency procedures: | Ensure adequate ventilation. 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: | Non-hazardous, but avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak. |
| Methods and material for containment and cleaning up: | Pick up with absorbent material and collect for disposal. Dispose of absorbed material in accordance with the regulations. See section 13 for disposal considerations. |

7 HANDLING & STORAGE

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| Precautions for safe handling: | Keep working place well ventilated. No special precautions are needed under normal use conditions. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment. |
| Conditions for safe storage, incl. any incompatibilities: | Avoid temperatures above 104°F (40°C). Optimum storage temperature is 75°F (24°C) or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods. Storage class (TRGS 510): Non-combustible liquids. 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> |
|-----------------------------|------------------------|---------------|---------------|
| Plant Collagen-Like Protein | No limits established | 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:

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| Eyes: | Wear chemical goggles with side splash protection. |
| Inhalation: | None required under normal conditions of use. |
| Body: | Wear protective gloves. Full body protection is not required under normal conditions of use. |
| Other: | General mechanical ventilation is acceptable. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling. Launder contaminated clothing before re-use. |

9 PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance: | Liquid | Vapor Pressure: | Not determined |
| Odor: | Characteristic | Vapor Density: | Not determined |
| Odor Threshold: | No data available | Evaporation Rate: | Not applicable |
| Color: | Amber | Flammability: | Not flammable |
| Molecular Weight: | No data available | Upper/lower Explosive Limit: | Not applicable |
| pH: | 4.0 - 5.5 | Flash Point: | > 250° F (COC) |
| Boiling Point: | 215°F (101.6°C) | Specific Gravity at 25°C: | 1.078 |
| Melting/Freezing Point: | Not determined | Water Solubility: | Complete |
| Relative Density: | No data available | Auto-Ignition Temperature: | No data available |

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|--|-------------------|-----------------------------------|-------------------|
| Partition Coefficient: n-octanol/water: | No data available | Decomposition Temperature: | No data available |
| Viscosity (cP): | Not determined | Explosive Properties: | None |
| Oxidizing Properties: | None | Metal Corrosion: | No data available |

10 STABILITY AND REACTIVITY

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| Reactivity: | Not reactive under normal conditions of use. |
| Chemical Stability: | No known hazardous reactions. |
| Hazardous Polymerization: | No data available. |
| Conditions to Avoid: | Gross bacterial contamination. |
| Incompatible Materials: | Concentrated nitric or sulfuric acid, strong oxidizing agents. |
| Hazardous Decomposition Products: | Burning can produce smoke, CO, CO ₂ , ammonia, and other products of incomplete combustion. |
| Possible Hazardous Reactions: | None known. |

11 TOXICOLOGICAL INFORMATION

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| Acute Toxicity: | No data available. |
| Skin: | Not expected to be an irritant. |
| Eyes: | Not expected to be an irritant. |
| Inhalation: | Not expected to be an irritant. |
| Ingestion: | Not expected to be an irritant. |
| Irritation: | HRIPT results indicate that the product is non-irritating. |
| Carcinogenicity: | None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive. |
| Teratogenicity: | No data available. |
| Germ Cell Mutagenicity: | No data available. |
| Specific Target Organ Toxicity: | No data available. |
| Reproductive Toxicity: | Not expected to affect reproduction or development. |
| Sensitization: | HRIPT results indicate that the product is non-sensitizing. |
| Corrosivity: | This is not a corrosive product. |

12 ECOLOGICAL INFORMATION

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| Ecotoxicity: | No ecotoxicity data available. |
| Environmental Exposure Controls: | Non-hazardous but avoid direct releases to the environment. |
| Aquatic Vertebrate: | No data available. |
| Aquatic Invertebrate: | No data available. |
| Terrestrial: | 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. |
| 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. |

13 DISPOSAL CONSIDERATIONS

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| Waste Residues: | 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. |
| Product Containers: | 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

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| DOT (Dept. of Transportation, USA): | Not regulated. |
| ADR/RID/AND (EU Land Transport): | Not regulated. |
| IMDG (International Maritime Dangerous Goods): | Not regulated. |
| IATA (International Air Transport Association): | Not regulated. |
| ICAO (International Civil Aviation Organization): | Not regulated. |

15 REGULATORY INFORMATION

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| TSCA Inventory Status: | All the components are listed except Rice Amino Acids and Hydrolyzed Adansonia Digitata Seed Extract (91745-12-9). |
| Canada (DSL/NDSL): | All the components are listed except Hydrolyzed Adansonia Digitata Seed Extract (91745-12-9). |
| EU (EINECS/ELINCS/NLP): | All the components are listed except Rice Amino Acids (65072-01-7). |
| China (IECSC): | Listed. |
| Australia (AICS): | All the components are listed except Hydrolyzed Adansonia Digitata Seed Extract (91745-12-9). |
| Taiwan (TCSI) | No data available. |
| Japan (ENCS): | Only Hydrolyzed Soy Protein (68601-88-5) is listed. |
| Philippines (PICCS): | All the components are listed except Hydrolyzed Adansonia Digitata Seed Extract (91745-12-9). |
| Korea (KECI): | All the components are listed except Rice Amino Acids and Hydrolyzed Adansonia Digitata Seed Extract (91745-12-9). |
| Germany: | Water Class Hazard (Wassergefährdungsklasse): WGK 1. |
| Chemical Safety Assessment: | No Chemical Safety Assessment has been carried out for this mixture by the supplier. |

16 OTHER INFORMATION

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| Revision Date: | 17-Apr-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. |