

Progeline™

Safety Data Sheet

This product has been classified in accordance

with Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date

of issue: May 07, 2019

Version: 3.0



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture

Product name : Progeline™

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Component that could be included in cosmetic formulation

1.3. Details of the supplier of the safety data sheet

Skin Perfection LLC
2208 E Summersweet Dr #170811
Boise, ID 83717
(208) 995-4130 (855) 537-3639
info@lucasmeyercosmetics.com

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number |
|---------|-----------------------|---------|------------------|
| USA | Poison Control Center | | 1-800-222-1222 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification Not classified

WHMIS Classification

Uncontrolled - Uncontrolled product according to WHMIS classification criteria

2.2. Label elements

GHS-US labelling

No labelling applicable

2.3.

Other hazards

Other hazards not contributing to the classification : None, to our knowledge.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Description: : Peptide in glycerin solution

| Name | Product identifier | % | GHS-US classification |
|------------------------------|-----------------------------------------|------|-----------------------|
| Glycerin | (N° CAS) 56-81-5 (N° EC) 200-289-5 | > 50 | Not classified |
| Water | (N° CAS) 7732-18-5 (N° EC) 231-791-2 | < 50 | Not classified |
| Dextran | (N° CAS) 9004-54-0 (N° EC) 232-677-5 | < 10 | Not classified |
| Trifluoroacetyl Tripeptide-2 | (N° CAS) 64577-63-5 (N° EC) --- | < 10 | Not classified |

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. Get medical advice and attention if you feel unwell.

First-aid measures after skin contact : Wash with plenty of soap and water. If irritation persists, consult a doctor.

Product code 3382005

EN (English)

Page 1

First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Consult an ophthalmologist if irritation persists.

First-aid measures after ingestion : Rinse mouth out with water. Never attempt to induce vomiting. Get medical advice and attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : No specific effects and/or symptoms are known.

4.3. Indication of any immediate medical attention and special treatment needed

No immediate medical care or specific treatment identified.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO₂). Powder. Foam. Water spray.

Unsuitable extinguishing media : None to our knowledge. If there is a fire close by, use suitable extinguishing agents.

5.2. Special hazards arising from the substance or mixture

Reactivity : Carbon oxydes (CO, CO₂). Acrolein.

5.3. Advice for firefighters

Product code 3382005

EN (English)

2/10

| | |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions | : Contain the extinguishing fluids by bunding. Use water spray or fog for cooling exposed containers. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Avoid contact with skin and eyes. Do not breathe vapours.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Contain the spilled material by bunding. Do not allow product to spread into the environment.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|-----------------------------------------------------------------------------------------------------------------|
| For containment | : Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite, kieselguhr, powdered limestone. |
| Methods for cleaning up | : Wash contaminated area with large amounts of water. |
| Other information | : Dispose of contaminated materials in accordance with current regulations. |

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling | : Avoid contact with skin and eyes. Do not breathe vapours. |
| Hygiene measures | : Do not drink, eat or smoke in the workplace. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|-----------------------|-----------------------------------------------------------------------------------------------------------------|
| Storage conditions | : Keep container tightly closed. Store in dry, well-ventilated area. Store in a dark area. Keep away from heat. |
| Incompatible products | : Strong oxidizing agents. Sulphuric acid. Phosphoric acid. Acetic anhydride. |
| Storage temperature | : Room temperature (20°C) |
| Packaging materials | : Original packaging. |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| | | |
|--------------------|-------------------|---------|
| Water (7732-18-5) | | |
| ACGIH | Not applicable | |
| OSHA | Not applicable | |
| Glycerin (56-81-5) | | |
| ACGIH | ACGIH TWA (mg/m³) | 10mg/m³ |
| | Remark (ACGIH) | URT irr |

| | | |
|-------------------------------------------|------------------------|------------------|
| OSHA | OSHA PEL (TWA) (mg/m³) | 15 mg/m³ (total) |
| Dextran (9004-54-0) | | |
| ACGIH | Not applicable | |
| OSHA | Not applicable | |
| Trifluoroacetyl Tripeptide-2 (64577-63-5) | | |
| ACGIH | Not applicable | |
| OSHA | Not applicable | |

8.2. Exposure controls

| | |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls | : Ensure good ventilation of the work station. |
| Hand protection | : Protective gloves. The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374. Breakthrough time : refer to the recommendations of the supplier. |
| Eye protection | : Safety glasses. |
| Skin and body protection | : Protective clothing. |
| Respiratory protection | : If the ventilation is suitable, it is not essential to wear respiratory equipment. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------------------------|-----------------------------------|
| Physical state | : Aqueous limpid solution |
| Colour | : Colourless |
| Odour | : Characteristic |
| Odour threshold | : No data available |
| pH | : 4.0 – 6.0 |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : Not applicable (aqueous liquid) |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |

| | |
|----------------------------------|----------------------------------------------------|
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Solubility | : Water: Miscible |
| Log Pow | : No data available |
| Log Kow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : Not explosive. |
| Oxidising properties | : Non oxidizing material according to EC criteria. |
| Explosive limits | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

To our knowledge, the product does not present any particular risk.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

None to our knowledge.

10.4. Conditions to avoid

Heat. Light sensitive.

10.5. Incompatible materials

Strong oxidizing agents. Sulfuric acid. Phosphoric acid. Acetic anhydride.

10.6. Hazardous decomposition products

On combustion or on thermal decomposition (pyrolysis) releases: Carbon oxydes (CO, CO₂). Acrolein

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Skin corrosion/irritation | : Not classified (Based on available data, the classification criteria are not met) pH: 4.0 – 6.0 |
| Serious eye damage/irritation | : Not classified (Based on available data, the classification criteria are not met) pH: 4.0 – 6.0 |
| Respiratory or skin sensitisation | : Not classified (Based on available data, the classification criteria are not met) : |
| Germ cell mutagenicity | Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity | : Not classified (Based on available data, the classification criteria are not met) |
| | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity | |
| Specific target organ toxicity (single exposure) | : Not classified (Based on available data, the classification criteria are not met) |
| | : Not classified (Based on available data, the classification criteria are not met) |
| Specific target organ toxicity (repeated exposure) | |
| | : Not classified (Based on available data, the classification criteria are not met) |

Aspiration hazard

SECTION 12: Ecological information

12.1. Toxicity

| Progeline™ | |
|------------------------------|-------------------|
| EC50 Daphnia (Test OECD 202) | > 349.43 mg/L/48h |

12.2. Persistence and degradability

| Progeline™ | |
|---------------------------------------------------------|---------------------------------------|
| Persistence and degradability (OECD 301D Closed bottle) | T 14 d : 39.29% T 28 d : 80.28% |
| Chemical oxygen demand (COD) | 0,00364 g O ₂ /g substance |

12.3. Bioaccumulative potential No

additional information available

12.4. Mobility in soil

No additional information available

12.5.

Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Do not discharge into drains or rivers. Dispose of in accordance with relevant local regulations.

Additional information : Empty the packaging completely prior to disposal. Recycle or dispose of in compliance with current legislation.

SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

Additional information

Other information : No supplementary information available.

: No additional information available.

Special transport precautions

ADR

Not regulated for transport

Transport by sea

Not regulated for transport

Air transport

Not regulated for transport

15.1. US Federal regulations

Water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Glycerin (56-81-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Dextran (9004-54-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Trifluoroacetyl Tripeptide-2 (64577-63-5)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulation
CANADA
Progeline™

WHMIS Classification

Uncontrolled product according to WHMIS classification criteria

Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification

Uncontrolled product according to WHMIS classification criteria

Glycerin (56-81-5)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification

Uncontrolled product according to WHMIS classification criteria

Dextran (9004-54-0)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification

Uncontrolled product according to WHMIS classification criteria

Trifluoroacetyl Tripeptide-2 (64577-63-5)

Not listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification

Uncontrolled product according to WHMIS classification criteria

EU-Regulations
Water (7732-18-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Glycerin (56-81-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Dextran (9004-54-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Trifluoroacetyl Tripeptide-2 (64577-63-5)

Not listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD] Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive toxicity

HMIS III Rating : PCPC (ex CTFA): substances listed

Health : 0 Minimal Hazard - No significant risk to health

Flammability : 0 Minimal Hazard

Physical : 0 Minimal Hazard

Personal Protection : B

SDS US (GHS HazCom 2012)

Information and suggestions that may be provided by us, including with respect to the composition or use of our ingredients, are provided in good faith, based on the state of our current technical and scientific knowledge, but without any warranty as to their relevance, accuracy, completeness, presentation, use or otherwise. No express or implied license on patents or other intellectual property rights shall be deemed given as a result of such information or suggestions being provided. No warranty is given that the use of our ingredients, alone or in combination with other products, or the information and suggestions that we may provide are not infringing the intellectual property rights of third parties. Any person relying on the information and suggestions that we are providing shall do so at his own risk and we will therefore accept no liability whatsoever with respect thereto. Any person using our ingredients in the formulation of his finished products is solely responsible for ensuring that the use made of our ingredients, the finished products that he is placing on the market as well as their packaging, labelling and advertising materials and the claims he makes with respect to his finished products and the ingredients they contain comply with applicable laws and regulations and are not infringing third parties' rights. We hereby disclaim any warranty of suitability of our ingredients for any purpose. Any user of our ingredients shall himself determine the suitability of our ingredients for his intended use and, as the case may be, obtain the required regulatory approvals for the commercialization of his finished products. Any information or suggestion that may be provided by us shall in no manner be interpreted as a legal or regulatory advice. Any person wishing to receive same shall consult his own legal or regulatory affair advisors for legal or regulatory advices.