GREEN VALLEY LABORATORY

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH), Regulation (EC) No 1272/2008 (CLP) and the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 1 - Identification

1.1 Product identifier

GHS Product Identifier	MoisturePlex™
INCI Name	Butylene Glycol, Sodium PCA, Betaine, Propanediol, Trehalose, Proline, Sodium Lactate, Glycerin, Water, Hyaluronic Acid, Sorbitol, Panthenol, Acetamidoethoxyethanol
CAS No.	Mixture - not applicable
Product Form	Aqueous humectant blend (liquid)

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

Identified use	Cosmetic raw material; humectant / moisturising blend for skin, body and hair care formulations
Uses advised against	Any use other than as a cosmetic raw material handled by trained personnel

1.3 Details of the supplier of the Safety Data Sheet

Supplier Name	Green Valley Laboratory
Address	435 Hartford Pike, Killingly, CT 06241, USA
Contact	Help@dauphineorganics.com
Phone	n/a

1.4 Emergency telephone number

Emergency Phone No.	CHEMTREC Emergency Call Center +1 800-424-9300 (US & Canada) - +1 703-527-3887 (Europe)

SECTION 2 - Hazard Identification

2.1 Classification of the substance or mixture

A classification has not been established for this mixture. The blend is composed of humectants. Glycerin is reported as not meeting GHS hazard criteria by 5,522 of 5,617 notifiers in the ECHA C&L Inventory. One notifier to the ECHA C&L Inventory classifies the component acetamidoethoxyethanol, as the pure substance, as Skin Irrit. 2 (H315), Eye Irrit. 2 (H319) and STOT SE 3 (H335).

The classification of the finished blend under Regulation (EC) No 1272/2008 depends on the concentration of that component and must be confirmed against the in-house formula before this safety data sheet is issued.

2.2 Label elements

Signal Word	To be confirmed - see 2.1
Hazard Pictogram	To be confirmed - see 2.1
Hazard Statements	To be confirmed - see 2.1
Precautionary Statements	To be confirmed - see 2.1

2.3 Other hazards

No PBT or vPvB assessment is available for this mixture.

SECTION 3 - Composition / Information on Ingredients

3.2 Mixtures

Mixture of humectants. Composition (INCI): Butylene Glycol, Sodium PCA, Betaine, Propanediol, Trehalose, Proline, Sodium Lactate, Glycerin, Water, Hyaluronic Acid, Sorbitol, Panthenol, Acetamidoethoxyethanol. Exact concentrations are proprietary.

Component	Notified classification of the pure substance	Source
Acetamidoethoxyethanol	Skin Irrit. 2 (H315); Eye Irrit. 2 (H319); STOT SE 3 (H335)	ECHA C&L Inventory, 1 notifier - PubChem CID 14143909
Glycerin	Not classified (5,522 of 5,617 notifiers)	ECHA C&L Inventory - PubChem CID 753

No published classification data were located for the remaining components within the sources listed in Section 16.

SECTION 4 - First Aid Measures

4.1 Description of first aid measures

General advice	Move the affected person away from the source of exposure. Obtain medical advice if symptoms occur.
Inhalation	Remove the affected person to fresh air.
Skin contact	Wash with soap and water. Obtain medical advice if irritation develops.
Eye contact	Flush the eyes with copious amounts of water for several minutes. Consult a physician if irritation persists.
Ingestion	Rinse the mouth with water. Obtain medical advice if discomfort occurs.

4.2 Most important symptoms and effects, both acute and delayed

No data available for the mixture. See Section 2.1 for the notified classification of the individual components.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 - Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media	Water spray, carbon dioxide, dry chemical, alcohol-resistant foam.
Unsuitable extinguishing media	No data available

5.2 Special hazards arising from the substance or mixture

Combustion of organic material can produce carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Use NIOSH-approved self-contained breathing apparatus and full protective equipment when fighting a chemical fire.

SECTION 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Wear the protective equipment described in Section 8. Spilled material may be slippery.

6.2 Environmental precautions

Avoid uncontrolled release to drains and watercourses. No ecotoxicological data are available for this mixture.

6.3 Methods and material for containment and cleaning up

Contain the spill, absorb with inert absorbent material and collect for disposal. Rinse the area with water. Observe all applicable government regulations.

6.4 Reference to other sections

See Section 8 for personal protection and Section 13 for disposal.

SECTION 7 - Handling and Storage

7.1 Precautions for safe handling

Observe good industrial hygiene practice. Avoid contact with the eyes. Ensure adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original containers at room temperature, protected from light and moisture.

7.3 Specific end uses

Cosmetic raw material. Add during the cool-down phase, below 40 °C.

SECTION 8 - Exposure Controls / Personal Protection

8.1 Control parameters

No occupational exposure limit values were located for the components of this mixture within the sources listed in Section 16.

8.2 Exposure controls

Engineering controls	General room ventilation is normally adequate.
Respiratory protection	Not normally required where ventilation is adequate.
Hand protection	Normal work gloves.
Eye protection	Chemical operator's goggles.
Skin and body protection	Laboratory coat or equivalent protective clothing.

SECTION 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Colour	Characteristic
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Melting point / freezing point	No data available
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density (air = 1)	No data available
Relative density	No data available
Solubility in water	Soluble
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available

9.2 Other information

Water-soluble. Compatible over a wide formulation pH range.

SECTION 10 - Stability and Reactivity

10.1 Reactivity	No hazardous reactions known under normal conditions of use.
10.2 Chemical stability	Stable under the recommended storage conditions.
10.3 Possibility of hazardous reactions	None known.
10.4 Conditions to avoid	Excessive heat; gross microbiological contamination.
10.5 Incompatible materials	Strong oxidising agents.
10.6 Hazardous decomposition products	Carbon monoxide and carbon dioxide on combustion.

SECTION 11 - Toxicological Information

11.1 Information on toxicological effects

No toxicological data are available for the mixture as supplied. The notified classification of the individual components is given in Sections 2.1 and 3.

Acute toxicity	No data available
Skin corrosion / irritation	No data available for the mixture
Serious eye damage / irritation	No data available for the mixture
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT - single and repeated exposure	No data available
Aspiration hazard	No data available

SECTION 12 - Ecological Information

12.1 Toxicity	No ecotoxicological data available for this mixture.
12.2 Persistence and degradability	No data available
12.3 Bioaccumulative potential	No data available
12.4 Mobility in soil	No data available
12.5 Results of PBT and vPvB assessment	No assessment available
12.6 Other adverse effects	No data available

SECTION 13 - Disposal Considerations

13.1 Waste treatment methods

Dispose of the material and its container in accordance with all applicable federal, state and local regulations.

SECTION 14 - Transport Information

14.1 UN number	Not evaluated
14.2 UN proper shipping name	Not evaluated
14.3 Transport hazard class(es)	Not evaluated
14.4 Packing group	Not evaluated
14.5 Environmental hazards	Not evaluated
14.6 Special precautions for user	None known
14.7 Transport in bulk	Not applicable

No transport classification has been assigned for this mixture. Confirm the classification in Section 2.1 before shipping.

SECTION 15 - Regulatory Information

15.1 Safety, health and environmental regulations specific for the substance or mixture

Regulation (EC) No 1272/2008 (CLP)	Classification to be confirmed - see Section 2.1
OSHA Hazard Communication Standard, 29 CFR 1910.1200	Classification to be confirmed - see Section 2.1

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this mixture. The material is intended for use as a cosmetic raw material; the user is responsible for compliance with all applicable national and local regulations.

SECTION 16 - Other Information

Regulations and databases used

Regulation (EC) No 1272/2008 (CLP), as amended
Regulation (EC) No 1907/2006 (REACH)
OSHA Hazard Communication Standard, 29 CFR 1910.1200
ECHA C&L Inventory notifications for acetamidoethoxyethanol, as aggregated in PubChem CID 14143909
ECHA C&L Inventory notifications for glycerin, as aggregated in PubChem CID 753

Abbreviations

CLP: Classification, Labelling and Packaging. REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals. PBT: persistent, bioaccumulative and toxic. vPvB: very persistent and very bioaccumulative. STOT SE: specific target organ toxicity, single exposure.

Full text of the hazard statements referred to in Sections 2 and 3

H315: Causes skin irritation
H319: Causes serious eye irritation
H335: May cause respiratory irritation

Basis of this document

This safety data sheet was prepared from published data for the individual components of the blend. It is not based on testing of the mixture or of a specific production lot. The classification, label elements and transport entries must be completed from the in-house formula before issue.

DISCLAIMER

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text. The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.

Green Valley Laboratory I 435 Hartford Pike, Killingly, CT 06241, USA I Help@dauphineorganics.com