GREEN VALLEY LABORATORY

Safety Data Sheet

16-section SDS format aligned with OSHA Hazard Communication Standard Appendix D / GHS structure

SECTION 1 - Identification

Product Identifier	Horsetail GL Extract
Other Means of Identification	Horsetail glycerite (glycerin and water extract)
INCI Name	Equisetum Arvense Extract, Glycerin, Aqua
Product Type	Mixture. Liquid.
Recommended Use	Manufacturing and cosmetic purposes: cosmetic and personal-care ingredient.
Restrictions on Use	For professional / manufacturing use. Not intended for direct consumer use as supplied unless assessed and labeled for that use.

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

GHS Classification	Not classified as hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200) or Regulation (EC) No 1272/2008. Glycerin, water and the horsetail extract are not classified.
Signal Word	None.
Hazard Pictogram(s)	None required.
Hazard Statement(s)	None required based on available information.
Precautionary Statement(s)	Avoid contact with eyes. Wear eye protection when handling. Wash hands thoroughly after handling. Keep container closed when not in use.
Other Hazards	Spilled material may create a slipping hazard. Botanical extracts may cause irritation or sensitization in susceptible individuals.
Unknown Acute Toxicity	Not applicable.

SECTION 3 - Composition / Information on Ingredients

Component / INCI Name	CAS No.	EC No.	Concentration (%)	Function / Description

Glycerin	56-81-5	200-289-5	61.0 - 65.0	Carrier / extraction solvent, humectant
Aqua	7732-18-5	231-791-2	33.0 - 37.0	Extraction solvent
Equisetum Arvense Extract	71011-23-9	275-123-8	0.8 - 1.2	Botanical extract (horsetail)

The horsetail extract is extracted in water and glycerin, filtered, and brought to final weight with glycerin. The botanical extract range is stated on the basis of the extract charged to the extraction.

SECTION 4 - First Aid Measures

Inhalation	Move person to fresh air and keep comfortable for breathing. Seek medical attention if symptoms occur.
Skin Contact	Wash skin with plenty of water. Seek medical attention if irritation develops.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
Ingestion	Rinse mouth. Do not induce vomiting unless directed by medical personnel. Call a poison center or physician if you feel unwell.
Most Important Symptoms / Effects	May cause mild eye irritation. Susceptible individuals may experience an allergic-type skin response.
Indication of Immediate Medical Attention	Treat symptomatically.

SECTION 5 - Fire Fighting Measures

Suitable Extinguishing Media	Water spray, dry powder, foam, carbon dioxide.
Unsuitable Extinguishing Media	None known.
Specific Hazards	Combustion or thermal decomposition may release carbon monoxide, carbon dioxide and other irritating fumes.
Special Protective Equipment	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus and complete protective clothing.

SECTION 6 - Accidental Release Measures

Personal Precautions	Use appropriate personal protective equipment (Section 8). Ventilate the spillage area. Spilled material may be slippery.
Environmental Precautions	Avoid release to the environment. Prevent entry into drains, sewers and waterways.
Containment / Cleanup	Take up liquid spill into inert absorbent material. Place in a suitable labeled container. Rinse the area with water.
Reference to Other Sections	See Section 8 for protective equipment and Section 13 for disposal.

SECTION 7 - Handling and Storage

Precautions for Safe Handling	Ensure good ventilation of the work station. Avoid contact with eyes. Wear personal protective equipment.
Hygiene Measures	Do not eat, drink or smoke when using this product. Wash hands after handling.
Storage Conditions	Store well sealed at room temperature in a well-ventilated place, away from heat and light.
Incompatibilities	Strong oxidizing agents.

SECTION 8 - Exposure Controls / Personal Protection

Occupational Exposure Limits	Glycerin (mist): OSHA PEL (TWA) 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction). No limits established for the other components.
Engineering Controls	Ensure good ventilation of the work station.
Eye / Face Protection	Safety glasses.
Skin Protection	Protective gloves. Wear suitable protective clothing.
Respiratory Protection	Not normally required. In case of insufficient ventilation or mist generation, wear suitable respiratory equipment.
Environmental Exposure Controls	Avoid release to the environment.

SECTION 9 - Physical and Chemical Properties

Property	Value
Physical State	Liquid
Color	Characteristic
Odor	Characteristic
Odor Threshold	No data available
pH	4.5 - 7.1 (specification)
Melting Point / Freezing Point	No data available
Boiling Point / Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability	Not applicable (solid, gas)
Upper / Lower Flammability Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.05 - 1.20 (specification)
Solubility	Soluble in water
Partition Coefficient	No data available for the mixture. Component data: glycerin log Pow -1.75
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10 - Stability and Reactivity

Reactivity	Non-reactive under normal conditions of use, storage and transport.
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	No dangerous reactions known under normal conditions of use.
Conditions to Avoid	Excessive heat and direct light.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Combustion may produce carbon monoxide and carbon dioxide.

SECTION 11 - Toxicological Information

Likely Routes of Exposure	Eye contact, skin contact, inhalation of mist if generated, accidental ingestion.

Acute Toxicity	Not classified. No mixture-specific data available. Component data: glycerin LD50 oral rat 27,200 mg/kg, LD50 dermal guinea pig 56,750 mg/kg.
Skin Corrosion / Irritation	Not classified. No mixture-specific data available.
Serious Eye Damage / Irritation	Not classified. No mixture-specific data available. Direct contact may cause mild irritation.
Respiratory or Skin Sensitization	Not classified. Botanical extracts may cause sensitization in susceptible individuals.
Germ Cell Mutagenicity	Not classified based on available information.
Carcinogenicity	Not classified based on available information.
Reproductive Toxicity	Not classified based on available information.
STOT - Single / Repeated Exposure	Not classified based on available information.
Aspiration Hazard	Not classified based on available information.

SECTION 12 - Ecological Information

Ecotoxicity	No mixture-specific data available. Component data: glycerin LC50 fish (Oncorhynchus mykiss, 96 h) 54,000 mg/l, EC50 Daphnia magna (24 h) > 10,000 mg/l. Avoid release to the environment.
Persistence and Degradability	No data available for the mixture. Component data: glycerin readily biodegradable in water.
Bioaccumulative Potential	No data available for the mixture. Component data: glycerin not bioaccumulative.
Mobility in Soil	No data available for the mixture. Component data: glycerin highly mobile in soil.
Other Adverse Effects	No data available.

SECTION 13 - Disposal Considerations

Waste Treatment Methods	Dispose of contents and container in accordance with applicable local, state, federal and international regulations.
Product Disposal	Do not discharge undiluted product to drains or waterways. Use an authorized waste disposal contractor.
Container Disposal	Empty containers may retain residue. Dispose of or recycle containers in accordance with applicable regulations.

SECTION 14 - Transport Information

Regulation	UN Number	Proper Shipping Name	Class	Packing Group	Transport Hazard
DOT	Not regulated	Not applicable	Not applicable	Not applicable	Not regulated as dangerous goods
TDG	Not regulated	Not applicable	Not applicable	Not applicable	Not regulated as dangerous goods
IMDG	Not regulated	Not applicable	Not applicable	Not applicable	Not regulated as dangerous goods
IATA	Not regulated	Not applicable	Not applicable	Not applicable	Not regulated as dangerous goods

Transport classification is based on available information for the supplied mixture.

SECTION 15 - Regulatory Information

SDS Standard Basis	Prepared using the 16-section SDS structure aligned with OSHA Hazard Communication Standard Appendix D and GHS SDS organization.
OSHA Hazard Communication	Not classified as hazardous based on available information for the mixture.
U.S. / International Inventories	Inventory status has not been fully determined for the mixture.

Cosmetic Use	INCI names and CAS numbers are taken from the EU CosIng database and component safety documentation. Cosmetic regulatory compliance must be verified for the intended jurisdiction and final finished product.

SECTION 16 - Other Information

Prepared By	Green Valley Laboratory
Issue Date	November 11, 2026
Version	1.1
Data Basis	Prepared from Green Valley Laboratory manufacturing records, published safety and specification data for comparable botanical extracts in glycerin, component safety data for the glycerin and the botanical extract, the EU CosIng database (INCI names, CAS numbers), and EU harmonised and notified GHS classifications for the components.

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.

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