GREEN VALLEY LABORATORY

Safety Data Sheet

Product Name	Alpha Arbutin
Date of Issue	8/23/2024
Version	02
Supplier	Green Valley Laboratory
Address	435 Hartford Pike, Killingly, CT 06241, USA
Contact	Help@dauphineorganics.com
Phone	n/a
Emergency Contact	CHEMTREC Emergency Call Center +1 800-424-9300 (US & Canada) - +1 703-527-3887 (Europe)

According to United Nation Globally Harmonized System of Classification and Labeling of Chemicals (GHS), 4thRev. / ST-SG-AC10-30-Rev4

SECTION 1 - Identification

Product Name:	Alpha Arbutin
Recommended Uses:	Ingredient for cosmetic formulations
Supplier:	Green Valley Laboratory
Address:	435 Hartford Pike, Killingly, CT 06241, USA
Contact:	Help@dauphineorganics.com
Phone Number:	n/a
Emergency Response:	CHEMTREC Emergency Call Center +1 800-424-9300 (US & Canada) - +1 703-527-3887 (Europe)

SECTION 2 - Hazard Identification

Classification (GHS):	
Physical:	Acute oral toxicity: Category 4
Health:	Not classified as hazardous
Environmental:	Not classified as hazardous
Labeling (GHS):	
Signal Word:	Warning
Pictogram / Symbols:	
Hazard Statements:	H302 Harmful if swallowed
Safety Precautions:	P264 Wash skin thoroughly after handling. P270 Do no eat, drink or smoke when using this product. P301 + P317 IF SWALLOWED: Get medical help. P330 Rinse mouth P501 Dispose of contents/container in accordance with local regulations.
Supplemental Hazard Information:	None

SECTION 3 - Composition / Information on Ingredients

Chemical Characterization:	**SUBSTANCE**
Composition:	

Chemical Identity	CAS No.	%
Alpha-Arbutin	84380-01-8	≥ 99.0

SECTION 4 - First Aid Measures

Skin Contact:	Remove contaminated clothing and wash the affected skin thoroughly with soap and water. If feel unwell, seek medical attention.
Eye Contact:	Separate the eyelids and rinse the eyes with running water or saline solution. Seek medical attention immediately.
Ingestion:	Gargle. Get medical attention immediately.
Inhalation:	Remove victim to fresh air. Seek medical attention if symptoms persist.
Acute Effects:	None known
Delayed Effects:	None known

SECTION 5 - Fire Fighting Measures

Suitable Extinguishing Media:	Use water spray, dry powder, foam, carbon dioxide.
Extinguishing Media which must not be Used:	Water jet directly.
Fire Fighting Procedures:	Proceed as any fire involved chemicals.
Specific Hazards in Case of Fire:	Carbon monoxide and carbon dioxide.
Special Protective Actions for Fire-Fighters:	Wear self-contained breathing apparatus and full protective clothing.
Additional Information:	None

SECTION 6 - Accidental Release Measures

Personal Precautions and Emergency Procedures:	Use personal protective equipment. Avoid dust generation. Avoid inhaling vapors, aerosols and gases. Ensure adequate ventilation. Evacuate personnel to safe areas.
Protective Equipment:	Wear safety glasses, complete protective clothes.
Environmental Precautions:	Contain leakage, prevent leakage from entering sewers.
Methods and Materials for Containment and Cleaning Up:	Sweep or shovel off and place in a suitable closed container to be disposed of. Clean the area with water and detergent.

SECTION 7 - Handling and Storage

Precautions for Safe Handling:	Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. Keep away from fire and heat sources. Wash your hands and face after use and do not eat or drink in the workplace.
Conditions for Safe Storage:	Store in a cool, dry and well-ventilated area away from oxidants and food chemicals. Keep container tightly closed.

SECTION 8 - Exposure Controls / Personal Protection

Control Parameters:	
Occupational Exposure Limits:	No data available

SECTION 8 - Exposure Controls / Personal Protection

Exposure Limit Table:	<table><tr><th>Reference</th><th>TWA Value</th><th>Unit</th><th>STEL Value</th><th>Unit</th><th>Additional Information</th></tr><tr><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></tr></table>
Biological Limits:	No data available
Appropriate Engineering Controls:	Install a closed system or local exhaust system whenever possible. If user operations generate dust please use ventilation equipment to reduce the content of air pollutants. Provide safety showers and eyewash facilities.
Individual Protection Measures and Personal Protective Equipment (PPE):	
Eye/Face Protection:	Wear chemical safety glasses.
Skin Protection:	Wear chemical protective gloves and chemically protective clothing. Wash and dry hands after use.
Respiratory Protection:	When the concentration in the air exceeds the standard, wear a filter gas mask (half mask). During emergency rescue or evacuation, a portable respirator should be worn.
Thermal Hazards:	None

SECTION 9 - Physical and Chemical Properties

Appearance:	Crystaline powder
Color:	White
pH (1% soln):	5.0 - 7.0
Melting Point/Freezing Point:	202 - 212°C
Boiling Point / Boiling Range:	561.6 ± 50.0°C at 760 mmHg
Flash Point:	No data available
Evaporation Rate:	No data available
Flammability:	No data available
Upper/Lower Flammability or Explosive Limits:	No data available
Vapour Pressure:	No data available
Vapour Density:	No data available
Relative Density:	No data available
Solubility:	Soluble in water, slightly soluble in ethanol.
Partition Coefficient: N-Octanol/Water:	No data available
Auto-Ignition Temperature:	No data available
Decomposition Temperature:	No data available
Note:	These properties are listed for safety information purposes and are not intended to be used as product specifications.

SECTION 10 - Stability and Reactivity

Reactivity:	No reference
Chemical Stability:	Stable under recommended handling and storage conditions.

SECTION 10 - Stability and Reactivity	
Possibility of Hazardous Reactions:	Will not ocurre if used and stored as recommended.
Conditions to Avoid:	Electrostatic discharge, heat, humidity.
Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide.

SECTION 11 - Toxicological Information	
Acute Toxicity:	No reference
Skin Corrosion/Irritation:	No reference
Respiratory or Skin Sensitization:	No reference
Germ Cell Mutagenicity:	No reference
Carcinogenicity:	No reference
Reproductive Toxicity:	No reference
Specific Target Organ Toxicity Single Exposure:	No reference
Specific Target Organ Toxicity, Repeated Exposure:	No reference
Aspiration Hazard:	No reference
Routes of Exposure:	No reference
Signs and Symptoms Related to the Overexposure:	No reference
Delayed and Immediate Effects, Short/Long Term Exposure:	No reference
Chronic Effects, Short/Long Term Exposure:	No reference
Interactive Effects:	No reference
Medical Conditions Aggravated By Exposure:	No reference
Additional information:	None

SECTION 12 - Ecological Information	
Eco-Toxicity:	No reference
Persistence and Degradability:	No reference
Bio-Accumulative Potential:	No reference
Mobility In Soil:	No reference
Results of PBT and vPvB assessment:	No reference
Other Adverse Effects:	No reference

SECTION 13 - Disposal Considerations

Disposal methods:	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Do not dispose of this product by discharging it into sewers.
Recommended European Waste Code:	
Note:	The user´s attention is drawn to the possible existence of specific national o local regulations regarding disposal.

SECTION 14 - Transport Information

UN Number:	Not classified as hazardous for transportation
UN Proper Shipping Name:	Not classified as hazardous for transportation
Transport Hazard Class(es):	Not classified as hazardous for transportation
Packing Group:	None
Labels Required:	None
Land Transport ADR/RID:	Not regulated
Maritime Transport IMDG:	Not regulated
Air Transport IATA:	Not regulated

SECTION 15 - Regulatory Information

Symbols and indications of danger:	Not classified as hazardous
R phrases:	None
S phrases:	None
Inventory Status:	None

SECTION 16 - Other Information

National Fire Protection Association (NFPA) Ratings:	This information is intended solely for the use of individuals trained in the NFPA system.
Health:	0
Flammability:	0
Reactivity:	0

DISCLAIMER

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