GREEN VALLEY LABORATORY

SAFETY DATA SHEET

Version: 1.2
Revision Date: October 12, 2025

Section 1: Product and Company Identification

Product Name	Natural Emulsifier 146
Synonym (INCI)	Cyclodextrin, Sorbitol, Polyglyceryl-3 Diisostearate
CAS Number	7585-39-9, 50-70-4, 63705-03-3
Country of Origin	France
Product Use	Emulsifier for cosmetic products
Supplier	Green Valley Laboratory
Address	435 Hartford Pike, Killingly, CT 06241
Contact Email	Helpdesk@dauphineorganics.com
Emergency Telephone Number	CHEMTREC 1-800-424-9300

Section 2: Hazards Identification

Classification according to OSHA 29CFR 1910.1200	Not Classified
Hazard Statements	Dust may form an explosive mixture in the atmosphere.

Section 3: Composition

Substance	Identification	Classification	Contents
Cycloheptapentylose	CAS 7585-39-9	None	50 - 90%
D-Glucitol	CAS 50-70-4	None	5 – 45%
Polyglyceryl-3 Diisostearate	CAS 63705-03-3	None	2 – 30%

Section 4: First Aid Measures

Inhalation	Immediately move exposed subject to fresh air. Dust may irritate the respiratory system.
Skin Contact	Liberally bathe affected body parts with water and soap.
Eye Contact	Rinse carefully with copious amounts of water for 15 minutes. Dust may irritate the eyes.
Ingestion	Drink plenty of water. Do not induce vomiting.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water spray.
Unsuitable Extinguishing Media	Dry chemicals or foams.
Fire and Explosion Hazards	Fire or excessive heat may produce hazardous decomposition products. Dust may form an explosive mixture in the atmosphere. See Section 10.
Hazardous Combustion Products	May emit toxic gases such as CO and CO2.

Section 6: Accidental Release Measures

Personal Protection Measures	Use personal protective equipment.
Environmental Precautionary Measures	Not regarded as dangerous to the environment.
Cleaning Method	Remove material as much as possible using mechanical equipment. Prevent dust cloud. Collect and dispose as indicated in Section 13 of the SDS.

Section 7: Handling & Storage

Handling	Take the necessary measures to avoid electrostatic charge and formation of sparks.
Safe Storage Conditions	Keep in a cool, dry place. Store in the original full closed container. Keep out of reach of children. Avoid conditions which create dust.
Storage Temperature	< 40ºC

Section 8: Exposure Controls & Personal Protection

Respiratory Protection	Use adequate ventilation. In case of inadequate ventilation, use suitable respiratory equipment with a particle filter.
Eye Protection	Wear goggles.
Skin Protection	Wear gloves.

Section 9: Physical & Chemical Properties

Appearance	Solid powder
Color	White
Odor	Odorless
pH	~5.4 at 1%
Melting Point	Not detectable
Flash Point	Not applicable
Relative Density	0.67
Solubility	Soluble in water, 18 g/l at 20ºC

Section 10: Stability & Reactivity

Reactivity	Not compatible with oxidizing agents.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None known under ordinary conditions of use.
Conditions to Avoid	Prevent dust cloud. Dust clouds may be explosive under certain conditions. Avoid dust close to ignition sources.
Materials to Avoid	Strong oxidizing substances.
Hazardous Decomposition Products	CO, CO_2. Decomposition temperature ~ 290ºC

Section 11: Toxicological Information

Acute Toxicity	No data available.
Chronic Toxicity	No data available.
Inhalation	Not reported.
Dermal Contact	Non-irritating to skin. Not corrosive. Not phototoxic.
Eye Contact	Non-irritating to eyes.
Ingestion	No known acute effect in normal conditions of use.
CMR Effects	Not carcinogenic, mutagenic, or toxic for reproduction

Section 12: Ecological Information

Ecotoxicity OECD 201	NOEC: > = 100.4 mg/l
Ecotoxicity OECD 202	NOEC: 60.2 mg/l, EC50: 128.3 mg/l
Biodegradability	Readily biodegradable.
Bioaccumulative Potential	No data / information available.
Mobility	No data / information available.
Results of PBT and vPvB Assessment	No data / information available.

Section 13: Disposal Considerations

The generation of waste should be avoided or minimized wherever possible. Isolate small spills by sweeping up product and disposing of. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation. Do not send down the drain or flush down the toilet.

Section 14: Transport Information

Not a dangerous product. Not classified in ADR (road), RID (rail), IMDG (sea), ICAO/IATA (air).

Section 15: Regulatory Information

Proposition 65: N/A – no ingredients regulated by Proposition 65 present.
All ingredients either listed or exempt from listing on TSCA

Section 16: Other Information

Review Date: October 12, 2025
Changes from Version 1.1: Address change

All information appearing herein is based on information supplied by the manufacturer of the ingredient. Green Valley Laboratory makes no representations to its accuracy or sufficiency. Please refer to all relevant technical information specific to the ingredient prior to use. The user of this ingredient is responsible for understanding the safety instructions for each ingredient, including how to store and handle the ingredient in use and in formulation. The user is also responsible for understanding any regulatory restrictions by governmental or third-party agencies, including proper usage, formulation, labeling, marketing and sale. Green Valley Laboratory is not liable for any issues that arise from improper handling and storage of any ingredients.