GREEN VALLEY LABORATORY

Safety Data Sheet

(According to OSHA (US) Hazard Communication Standard, 29 CFR 1910.1200)

SECTION 1 - Identification

1.1 Product identifier

Product name	Vitamin A Serum
Product type	Oil-based cosmetic serum (mixture)

1.2 Recommended use

Recommended use	Cosmetic serum supplied in bulk for bottling and labelling.
Uses advised against	Not for consumption.

1.3 Details of the manufacturer

Manufacturer 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 mixture

Reproductive toxicity	Category 1B

The mixture itself has not been tested. Classification was determined by the calculation method from the classifications and concentrations of the ingredients (Retinyl Palmitate).

2.2 Label elements

Hazard Pictogram	
Signal word	Danger

H360: May damage fertility or the unborn child.

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P405: Store locked up.
P501: Dispose of contents/container in accordance with local, regional and national regulations.

2.3 Other hazards

Women of childbearing age should avoid overexposure during handling.

SECTION 3 - Composition / Information on Ingredients

3.2 Mixtures

Ingredient	CAS No.	% W/W
Caprylic/Capric Triglyceride	73398-61-5 / 65381-09-1	39 - 43
C13-15 Alkane	EC 934-954-2	24 - 28
Squalane	111-01-3	18 - 22
Coco-Caprylate/Caprate	95912-86-0	6.5 - 8.5
Tetrahexyldecyl Ascorbate	183476-82-6	1.5 - 2.5
Heptyl Undecylenate	68141-27-5	0.8 - 1.2
Tocopherols	1406-18-4	0.8 - 1.2
Helianthus Annuus (Sunflower) Seed Oil	8001-21-6	0.8 - 1.2
Retinyl Palmitate	79-81-2	0.4 - 0.6
Daucus Carota Sativa (Carrot) Root Extract	84929-61-3	< 0.05
Daucus Carota Sativa (Carrot) Seed Oil	8015-88-1	< 0.05
Beta-Carotene	7235-40-7	< 0.05
Ascorbyl Palmitate	137-66-6	< 0.01

Exact percentages are withheld as confidential business information.

SECTION 4 - First Aid Measures

4.1 Description of first aid measures

Ingestion	Do NOT induce vomiting. Rinse mouth. Get medical advice. Never give anything by mouth to an unconscious person.
Eye contact	Rinse with plenty of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical advice.
Skin contact	Wash with soap and water. If irritation develops and persists, get medical advice.
Inhalation	Move to fresh air. If symptoms develop, get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

May damage fertility or the unborn child.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. After accidental exposure, women who are or may be pregnant should seek medical advice.

SECTION 5 - Fire Fighting Measures

Suitable extinguishing media	Foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	High volume water jet.
Specific hazards	Combustible at high temperatures. Combustion may produce carbon oxides.
Advice for firefighters	Wear self-contained breathing apparatus and full protective clothing. Collect contaminated extinguishing water separately.

SECTION 6 - Accidental Release Measures

Personal precautions	Wear protective gloves and eye protection. Spilled product makes floors slippery.
Environmental precautions	Prevent entry into drains, surface water or soil.
Methods for containment and cleaning up	Absorb with inert material (sand, absorbent pads) and place in a suitable closed container for disposal. Rags soaked with oil should be kept in a closed metal container.
Reference to other sections	See Sections 8 and 13.

SECTION 7 - Handling and Storage

Precautions for safe handling	Obtain special instructions before use. Avoid contact with skin and eyes. Handle in accordance with good manufacturing and industrial hygiene practice, using clean equipment and containers.
Conditions for safe storage	Keep in the original container, tightly closed, in a cool, dry place protected from light, heat and air.
Incompatible materials	Strong oxidizing agents.

SECTION 8 - Exposure Controls / Personal Protection

8.1 Control parameters

No occupational exposure limit has been established for the mixture.

8.2 Exposure controls

Engineering controls	General ventilation is adequate for normal handling.
Eye/face protection	Safety glasses are recommended where splashing is possible.
Skin protection	Protective gloves.
Respiratory protection	Not required under normal conditions of use.
Hygiene measures	Wash hands after handling. Follow good manufacturing practice for cosmetic products.

SECTION 9 - Physical and Chemical Properties

Physical state	Liquid
Appearance	Fluid, oily liquid
Colour	Orange to orange-yellow
Odour	Characteristic
pH	n/a
Freezing point	n/a
Boiling point	n/a
Evaporation rate	n/a
Vapour pressure	n/a
Vapour density	n/a
Relative density	0.86 - 0.89
Solubility	Insoluble in water
Partition coefficient (n-octanol/water)	n/a
Auto-ignition temperature	n/a
Decomposition temperature	n/a
Viscosity	n/a

SECTION 10 - Stability and Reactivity

Reactivity	No hazardous reactivity known under normal conditions of storage and use.
Chemical stability	Stable under recommended storage conditions. Sensitive to light, heat and air.
Possibility of hazardous reactions	None known.
Conditions to avoid	Heat, direct sunlight, prolonged contact with air.
Incompatible materials	Strong oxidizing agents.

Hazardous decomposition products	Carbon oxides on combustion.

SECTION 11 - Toxicological Information

No toxicological testing has been performed on the mixture. The assessment below is by calculation from the ingredient safety data sheets available.

Hazard class	Assessment
Acute toxicity	Based on the available ingredient data, the classification criteria are not met.
Skin corrosion/irritation	Based on the available ingredient data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on the available ingredient data, the classification criteria are not met.
Respiratory or skin sensitization	No ingredient classified for this hazard is present at or above the relevant cut-off.
Germ cell mutagenicity	Based on the available ingredient data, the classification criteria are not met.
Carcinogenicity	Based on the available ingredient data, the classification criteria are not met.
Reproductive toxicity	Category 1B. Contains Retinyl Palmitate, classified by its supplier as Reproductive toxicity Category 1B, above the 0.1 % cut-off.
STOT - single exposure	Based on the available ingredient data, the classification criteria are not met.
STOT - repeated exposure	Based on the available ingredient data, the classification criteria are not met.
Aspiration hazard	Not classified, by the manufacturer's determination.

Likely routes of exposure	Skin contact, eye contact, ingestion.

SECTION 12 - Ecological Information

Ecotoxicity	No data available for the mixture.
Persistence and degradability	No data available for the mixture.
Bioaccumulative potential	No data available for the mixture.
Mobility in soil	No data available for the mixture. The product is insoluble in water.
Other adverse effects	Do not release into waterways.

SECTION 13 - Disposal Considerations

Product disposal	Dispose of in accordance with local, state and federal regulations.
Container disposal	Empty containers completely. Recycle or dispose of in accordance with local regulations.

SECTION 14 - Transport Information

DOT (US)	Not regulated.
IMDG (sea)	Not regulated.
IATA (air)	Not regulated.
UN number	None
Transport hazard class	None
Packing group	None

SECTION 15 - Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200)	Classified as hazardous (see Section 2).
California Proposition 65	Contains Retinyl Palmitate. Retinol/retinyl esters are listed for developmental toxicity when in daily dosages in excess of 10,000 IU, or 3,000 retinol equivalents.

US FDA	Cosmetic product as defined by the Federal Food, Drug, and Cosmetic Act.

SECTION 16 - Other Information

Revision	1
Date of issue	October 10, 2026
Classification method	Calculation method, 29 CFR 1910.1200 Appendix A.
Sources	Safety data sheets and technical data of the individual ingredients; product formula.

Abbreviations: CAS - Chemical Abstracts Service; EC - European Community number; HCS - Hazard Communication Standard; IU - International Units; OSHA - Occupational Safety and Health Administration; STOT - Specific Target Organ Toxicity.

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