Material Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Description	Information
Product Name	Vitamin A Oil
INCI Name	Mixture (individual INCI names listed in Section 3)
Product Use	Cosmetic / Personal Care
Country of Origin	USA
Supplier	Botanic Planet Canada Inc.
Address	2 Bram Court, Units 3 & 4, Brampton, Ontario, Canada
Telephone	905-455-4444
Emergency: Telephone	613-996-6666 (CANUTEC, 24-hour emergency)

SECTION 2: HAZARDS IDENTIFICATION

Hazard Information	**Classification**
GHS Classification	Supplier states not classified as hazardous
GHS Label Elements	Not applicable per supplied classification
Hazard Statements	Not applicable per supplied classification
Precautionary Statements	Not applicable per supplied classification

Safety Precautions: Avoid contact with eyes, prolonged skin exposure and inhalation of concentrated vapours. Use appropriate protective equipment when handling bulk quantities.

Classification Note: The supplied classification has not been independently verified against the complete mixture composition and current Canadian WHMIS requirements.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	EC Number	Concentration (%)
Retinyl Palmitate	79-81-2	Not provided	10.00

Caprylic/Capric Triglyceride	73398-61-5	65381-09-1*	70.00
Vitamin D3 (Cholecalciferol)	67-97-0	Not provided	2.00
Carrot Extract	8015-88-1	284-545-1	16.00
Tocopherol	59-02-9	Not provided	2.00
Total			100.00

Composition Note: Percentages are reproduced from the supplied formulation information.

SECTION 4: FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of cool water for at least 15 minutes. Remove contact lenses if present and easy to do. Seek medical attention if irritation persists.
Skin Contact: Remove contaminated clothing. Wash the affected area thoroughly with soap and water. Seek medical attention if irritation occurs.
Inhalation: Move the affected person to fresh air. Seek medical attention if symptoms develop.
Ingestion: Rinse mouth. Do not induce vomiting unless directed by a medical professional. Contact a poison control centre or physician for advice.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

- Foam
- Dry chemical powder
- Carbon dioxide (CO_2)
- Water spray or fog for cooling exposed containers

Special Protective Equipment: Firefighters should wear appropriate protective clothing and self-contained breathing apparatus.
Special Hazards: Hazardous decomposition products may form when exposed to extreme heat or combustion.
Hazardous Combustion Products: Carbon oxides, including carbon dioxide and potentially carbon monoxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ensure adequate ventilation. Wear protective gloves and chemical safety goggles.
Environmental Precautions: Avoid direct release into drains, soil, surface water and groundwater.
Containment Procedures: Prevent the spilled material from spreading using suitable containment materials.
Cleanup Procedures: Absorb with sand, vermiculite or another inert absorbent material. Collect in suitable containers for disposal according to applicable regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

- Keep away from open flames, sparks and excessive heat.
- Do not smoke while handling.
- Avoid contact with eyes, skin and clothing.
- Wash exposed areas thoroughly after handling.
- Follow good industrial hygiene and safety procedures.

Storage Conditions:

- Store in tightly closed containers.
- Keep in a cool, dry and well-ventilated area.
- Protect from direct sunlight, air exposure and heat.
- Keep away from strong oxidizing agents.
- Close containers immediately after use.

Additional Stability Information: Once opened, the oil may undergo oxidation and deterioration over time. The supplied information indicates possible deterioration after approximately six months.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Control	Recommended Protection
Eye Protection	Tightly fitting safety goggles
Skin Protection	Suitable protective clothing
Hand Protection	Chemical-resistant protective gloves
Respiratory Protection	Suitable respiratory protection if ventilation is inadequate
Engineering Controls	General room ventilation or local exhaust
Hygiene Measures	Wash hands after handling and before eating or drinking

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification

Physical State	Liquid
Appearance	Pale yellow to orange liquid
Odour	Characteristic mild odour
Relative Density @ 20°C	0.945–0.965
Solubility in Water	Insoluble
Solubility in Oils and Fats	Soluble
pH	Not available
Melting Point / Freezing Point	Not available
Initial Boiling Point / Range	Not available
Vapour Pressure	Not available
Flash Point	Not provided
Auto-Ignition Temperature	Not provided

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No significant reactivity hazard reported under normal conditions.
Chemical Stability: Stable under recommended storage conditions.
Oxidative Stability: Prolonged exposure to air may cause oxidation and deterioration. The supplied information indicates deterioration may begin approximately six months after opening.
Possibility of Hazardous Reactions: Hazardous polymerization is not expected according to the supplied information.
Conditions to Avoid: Excessive heat, sparks, flames and prolonged exposure to air or sunlight.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Endpoint	Information
Acute Toxicity	Not available
Carcinogenicity	No listed carcinogens reported in supplied documentation
Inhalation	High concentrations of vapour may cause irritation, headache, nausea or dizziness
Skin Contact	Supplied documentation describes the product as non-toxic by skin contact

Eye Contact	Product-specific data not available
Skin Sensitization	Not established
Single Exposure	Supplier notes possible irritation in sensitive individuals
Reproductive / Developmental Toxicity	Not evaluated in supplied documentation

Important: This mixture contains retinyl palmitate and vitamin D3. The supplied data do not establish that the mixture is safe at all concentrations or for all populations. Particular care is warranted when assessing vitamin A derivatives in leave-on cosmetics, including products intended for use during pregnancy.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: The supplied documentation indicates that the product may be toxic to aquatic organisms and may cause long-term adverse environmental effects.

Persistence and Degradability: No specific data available.

Bioaccumulative Potential: No specific data available.

Environmental Precautions: Avoid contamination of groundwater, surface water, soil and drainage systems.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of unused product, contaminated materials and packaging in accordance with applicable municipal, provincial and federal regulations.

Do not discharge concentrated material into drains or waterways.

SECTION 14: TRANSPORT INFORMATION

Transport Regulation	Supplied Classification
US DOT (Land)	Not regulated
IMDG (Sea)	Not regulated
IATA (Air)	Not regulated
Canadian TDG	Not provided

Transport Note: The supplied transport classifications have not been independently verified. Confirm the current classification before shipment.

SECTION 15: REGULATORY INFORMATION

Supplier-Provided Regulatory Information: None specified.

Canadian WHMIS Classification: Requires verification against the mixture's current hazard data.

Cosmetic Regulatory Requirements: The finished-product manufacturer is responsible for determining appropriate ingredient concentrations, product safety and applicable cosmetic labelling requirements.

SECTION 16: OTHER INFORMATION

Description	Details
Product Name	Vitamin A Oil
Supplier	Botanic Planet Canada Inc.

This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge and specifications. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore, Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.