



MATERIAL SAFETY DATA SHEET

OLIVE SQUALENE

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: OLIVE SQUALENE
Product Use: Personal Care Formulations
Company Name: Saffire Blue Inc.
Company Address: 1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada
Date Issued: 03/18/2014
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:
Squalene derived from Olive Oil
% Content: > 85%
Hazardous Components: None
CAS #: 111-02-4

3. HAZARDS IDENTIFICATION

Routes of Entry
Eye Contact: May cause irritation
Skin Contact: May cause irritation
Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed.
Inhalation: No known hazard

4. FIRST AID MEASURES

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin: Wash with soap and water- get medical attention if irritation persists.
Ingestion: Do not induce vomiting. Get medical attention if symptoms occur.
Inhalation: N/A
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Flash Point (Method Used): > 112°C (> 233.60°F)
Flammable Limits
LEL: Not Established

UEL:	Not Established
Extinguishing Media:	Dry Chemical, Carbon Dioxide, Foam
Special Firefighting Procedures:	Limit the spread of oil. Use self-contained breathing apparatus for fighting interior fires. Wear full protective gear.
Unusual Fire & Explosion Hazards:	Not established

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Methods for Cleaning Up:	Ventilate area. Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water. Prevent entry into water ways.
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7. HANDLING AND STORAGE

Handling

Safe Handling:	Keep away from fire and open flames. Do not overheat. Use with adequate ventilation. Avoid contact with eyes.
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Storage

Requirements for Storage Areas and Containers:	Store in a cool, dry location, in a sealed container.
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8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls:	Facilities should be equipped with eyewash stations, and safety showers. Use adequate ventilation to keep airborne concentrations low.
Eye:	Safety glasses should be worn.
Skin/Body:	Gloves should be worn.
Respiratory:	Not needed under normal conditions of use.
Ventilation:	A mechanical exhaust/ventilation or fume collection system is recommended if heating product to elevated temperatures.
Other:	Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice:	Normal work and hygiene practices for handling non-hazardous liquid material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear, pale yellow
Odor:	Characteristic, bland, fatty oil
Vapor Density:	14.2
Viscosity:	12 cP @ 25°C
Boiling Point:	285°C
Saponification Value:	< 5 mg KOH/g
Molecular Weight:	410.71
Specific Gravity (H₂O = 1):	0.840-0.890 g/ml
Solubility in Water:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility (Materials to Avoid):	Avoid strong oxidizers
Hazardous Decomposition or Byproducts:	Carbon dioxide and monoxide
Conditions to Avoid:	Keep away from sources of ignition or fire. Avoid exposure to air.
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

LD50/LC50:	Oral [mouse]; LD50=5 gm/kg
Carcinogenicity:	Not listed as a carcinogen by ACGIH, IARC, NTP or CA Prop.

12. ECOLOGICAL INFORMATION

Biodegradation:	Not Available
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13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Do not put into sewer lines. Dispose of according to local, state and federal regulations.
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14. TRANSPORT INFORMATION

DOT Classification:	Not regulated
Class/Division:	Not restricted

15. REGULATORY INFORMATION

WHMIS classification for product:	N/A
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16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.
This product is not considered hazardous.

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.