



MATERIAL SAFETY DATA SHEET

BAYBERRY WAX

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: BAYBERRY WAX  
Product Use: Personal Care Formulations  
Company Name: Saffire Blue Inc.  
Company Address: 1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada  
Date Issued: 1/1/2008  
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:  
Bayberry (Myrica Cerifera) Wax 100%  
Consists of triglycerides of palmitic, myristic and lauric acid.

Hazardous Components: None  
CAS #: 8038-77-5

3. HAZARDS IDENTIFICATION

HMIS Ratings:  
Health 1  
Flammability: 1  
Reactivity: 0  
Hazard ratings: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe  
Physical/Chemical Components: As above  
Human Health Hazards: As listed below  
Environmental Hazards: Is not hazardous under OSHA Hazard Communications.

4. FIRST AID MEASURES

Effects and Symptoms:  
Ingestion: No available data.  
Inhalation: No available data.  
Skin Contact: Wash with water.  
Eye Contact: Wash with water.

First Aid Measures:  
Ingestion: No available data.  
Inhalation: No available data.  
Skin Contact: Flush with cold water and seek medical attention.  
Eye Contact: Flush with cold water and seek medical attention.

## 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	Dry Chemical and CO2 for small fires. Use foam for large fires.
Special Firefighting Procedures:	None
Unusual Fire/Explosion Hazards:	None
Hazardous Thermal Decomposition Products:	Do not decompose up to 400° F.
Protection of Firefighters:	Fire fighters should wear proper equipment and self-contained breathing apparatus with full faceplate.

## 6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

<b>Personal Precautions:</b>	See below
<b>Environmental Precautions:</b>	Advise authorities if product enters sewers.
<b>Methods for Cleaning Up:</b>	Soak up with absorbent material such as paper, rags, or sawdust. Sweep up solidified material.

## 7. HANDLING AND STORAGE

### Handling

<b>Safe Handling:</b>	Use with caution around heat, sparks, static electricity and open flame.
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### Storage

<b>Requirements for Storage Areas and Containers:</b>	Store in cool, dry well ventilated storage area. Do not store near oxidizing agents or strong acids.
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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Eye:</b>	Splash goggles or face shield
<b>Skin/Body:</b>	Gloves & Aprons should be worn.
<b>Respiratory:</b>	Not needed under normal conditions of use.
<b>Ventilation:</b>	A mechanical exhaust/ventilation or fume collection system is recommended if heating product to elevated temperatures.
<b>Other:</b>	Evaluate need based on application.
<b>Work/Hygiene Practice:</b>	N/A

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Solid Wax
<b>Color:</b>	Grayish green to white solid
<b>Odor:</b>	Characteristic of wax
<b>Boiling point at 760 mm Hg:</b>	>260°C
<b>Melting point:</b>	39-49°C
<b>Specific gravity:</b>	0.977-0.982
<b>pH:</b>	N/A
<b>Solubility in water:</b>	Insoluble
<b>Vapor Density (Air=1):</b>	N/A
<b>Flash point:</b>	470°F min.

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under normal conditions
<b>Incompatibility (Materials to Avoid):</b>	Strong oxidants and strong acids
<b>Hazardous Decomposition or Byproducts:</b>	N/A
<b>Conditions to Avoid:</b>	Excessive heating
<b>Hazardous Polymerization:</b>	Will Not Occur

**11. TOXICOLOGICAL INFORMATION**

No information

**12. ECOLOGICAL INFORMATION**

**Biodegradation:** Expected to be ultimately biodegradable

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods:** Dispose of according to local, state and federal regulations.

**14. TRANSPORT INFORMATION**

<b>Class/Division</b>	Not Restricted
<b>Proper Shipping Name:</b>	N/A
<b>Label:</b>	N/A
<b>Packing Group:</b>	N/A
<b>ID Number:</b>	N/A
<b>Hazard:</b>	N/A
<b>Class/Division</b>	Not Restricted

**15. REGULATORY INFORMATION**

N/A

**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.