



## MATERIAL SAFETY DATA SHEET

## EMULSIFYING WAX

# MSDS

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

<b>Product Name:</b>	<b>EMULSIFYING WAX</b>
<b>Product Use:</b>	Personal Care Formulations
<b>Company Name:</b>	Saffire Blue Inc.
<b>Company Address:</b>	1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada
<b>Date Issued:</b>	08/27/2009
<b>Emergency Telephone Number:</b>	<b>Chemtrec Tel: (800) 262-8200</b>

### 2. COMPOSITION/INGREDIENT INFORMATION

<b>Synonyms:</b>	C-16-18 FATTY ALCOHOL/POLY-OXYETHYLENE-20 SORBITAN STEARATE BLEND
<b>Chemical Family:</b>	Fatty Alcohol - Nonionic Emulsifier Blend
<b>Formula:</b>	Complex Reaction Product
<b>CAS #:</b>	67762-27-0; 9005-67-8; 9004-99-3; 9005-00-9
<b>Principle Hazardous Ingredients:</b>	This material is not known to be hazardous.

### 3. HAZARDS IDENTIFICATION

<b>Eye Contact:</b>	Irritant (Rabbit)
<b>Skin Contact:</b>	Non-irritating
<b>Ingestion:</b>	N/A
<b>Inhalation:</b>	Vapors unlikely due to physical properties
<b>PEL:</b>	None established
<b>TLV:</b>	None available

### 4. FIRST AID MEASURES

<b>Eyes:</b>	Flush eyes with cold water for at least 15 minutes. Seek medical attention if irritation persists.
<b>Skin:</b>	Wash with soap and water.
<b>Ingestion:</b>	Call a physician or poison control center immediately.
<b>Inhalation:</b>	Not an expected route of exposure.
<b>Medical Conditions Generally Aggravated by Exposure:</b>	None

### 5. FIRE FIGHTING MEASURES

<b>Flash Point (Method Used):</b>	> 200°F
<b>Flammable Limits</b>	
<b>LEL:</b>	Not Established

<b>UEL:</b>	Not Established
<b>Extinguishing Media:</b>	Carbon dioxide, Foam, Dry Chemical, Water Spray
<b>Special Firefighting Procedures:</b>	Avoid use of solid stream of water as burning material will float.
<b>Unusual Fire &amp; Explosion Hazards:</b>	None known

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

<b>Personal Precautions:</b>	Protective clothing to prevent skin, eye contact if material is in molten state.
<b>Environmental Precautions:</b>	Prevent release of this material into waterways.
<b>Methods for Cleaning Up:</b>	Contain spill. Transfer to secure containers. Flush with water. Where necessary, absorb using absorbent media. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.
<b>Waste Disposal:</b>	Dispose of according to local, state and federal regulations.

#### 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid prolonged contact with skin. Avoid contact with eyes.
<b>Safe Handling:</b>	Product is solid at ambient temperatures. Product can be melted with hot water or low pressure steam for handling but there is a significant hazard of first and second degree burns when this is done.
<b>Storage</b>	
<b>Requirements for Storage Areas and Containers:</b>	Store in cool, dry well ventilated storage area. Do not store near heat or open flames.

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Eye:</b>	Safety goggles
<b>Skin/Body:</b>	Gloves & Aprons should be worn to prevent prolonged or repeated skin contact..
<b>Respiratory:</b>	Not needed under normal conditions.
<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.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Solid Waxy Flakes or Pellets
<b>Color:</b>	White
<b>Odor:</b>	Characteristic of wax, fatty
<b>Vapor Pressure (mm Hg.):</b>	1.0 mm/Hg pressure at 60°C
<b>Boiling Point: (@ 760 mmHg)</b>	> 260°C
<b>Melting Point:</b>	50°C
<b>Specific Gravity: (@ 25°C)</b>	0.900
<b>Solubility in Water:</b>	Dispersible

#### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions
<b>Incompatibility (Materials to Avoid):</b>	Strong oxidizing agents and strong caustic

**Conditions to Avoid:** Avoid storing near heat or open flames  
**Hazardous Polymerization:** None Likely

#### 11. TOXICOLOGICAL INFORMATION

**Signs and Symptoms of Exposure:** N/A  
**Threshold Limit Value:** No OSHA PEL, No ACGIH TLV  
**Medical Conditions Generally Aggravated by Exposure:** None  
**Irritancy:** Eye: Irritant (Rabbit)  
Skin: Non-irritating  
**Carcinogenicity:** No Data  
**Reproductive Toxicity:** No Data  
**Teratogenicity:** No Data  
**Mutagenicity:** No Data  
**Name of toxicologically synergistic products:** N/A

#### 12. ECOLOGICAL INFORMATION

**Biodegradation:** No Data  
**Fish Toxicity:** No Data  
**Bacterial Toxicity:** No Data

#### 13. DISPOSAL CONSIDERATIONS

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

#### 14. TRANSPORT INFORMATION

**DOT Classification:** Not Regulated  
**Class/Division:**  
**Proper Shipping Name:** NA  
**Label:** None

#### 15. REGULATORY INFORMATION

All Components Are Listed on the TSCA Inventory

This products contains the following toxic chemicals, which have been identified by the state of California as carcinogens or reproductive toxicants and which are subject to the reporting requirements of Section 313 of Emergency Planning and Community Right to Know Act of 1986 and 40 CFR Part 372. This information must be included in all MSDS's that are copied and distributed for this material.

Chemical	CAS #:	Concentration
1, 4-Dioxane	123-91-1	< 1 ppm ©
Ethylene Oxide	75-21-8	< 1 ppm ©

## **16. ADDITIONAL INFORMATION**

This information is provided for documentation purposes only.

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.

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