



MATERIAL SAFETY DATA SHEET

WHITE WILLOW BARK  
EXTRACT OS

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: WHITE WILLOW BARK EXTRACT OIL SOLUBLE  
Product Use: Personal Care Formulations  
Company Name: Saffire Blue Inc.  
Company Address: 1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada  
Date Issued: 6/1/2008  
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Chemical Identity: Organic White Willow Bark Extract  
Hazardous Components: All materials used in this product are non-toxic and conform to the Toxic Substances Control Act and may be found in the FDA's Generally Regarded as Safe list. No materials used are listed by California's Proposition 65 as carcinogens or reproductive toxicants. The specific chemical identities of the ingredients in this mixture are considered to be trade secrets, and are withheld in accordance with the provisions of 1910.1200 of Title 29 of the Federal Code of Regulations.

3. HAZARDS IDENTIFICATION

Routes of Entry: 

- Skin
- Ingestion
- Inhalation

  
Eye Contact: Undiluted liquid maybe irritating to eyes  
Skin Contact: Undiluted liquid may be irritating to skin. Prolonged or repeated skin contact may cause allergic dermatitis.

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 occurs.  
Ingestion: Do not induce vomiting. Administer milk or water to dilute. Seek medical attention.  
Inhalation: Remove to fresh air.

5. FIRE FIGHTING MEASURES

Flash Point (Method Used): > 200 °F (Tag Open Cup)

**Extinguishing Media:**

- Dry Chemical
- Carbon Dioxide
- Foam

**Note:** Do not use water except to cool containers.

**Special Firefighting Procedures:**

- Use self contained breathing equipment for fighting interior fires.

**Unusual Fire & Explosion Hazards:**

Not established

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

**Personal Protection:**

OSHA approved chemical resistant gloves and safety glasses should be worn. Chemical resistant clothing may also be worn as an added precaution. If desired, use a NIOSH approved respirator.

**Environmental Protection:**

Notify authorities if large amounts of product enters sewer.

**Methods for Cleaning Up:**

- Eliminate sources of ignition and ventilate area.
- Absorb onto an inert, absorbent substrate and sweep up. Wash with soap and water.

**7. HANDLING AND STORAGE**

**Handling**

**Safe Handling:**

- Wear safety glasses.
- Keep away from oxidizing agents, excessive heat and sources of ignition.

**Storage**

**Requirements for Storage Areas and Containers:**

Store in a cool, dry location, in a sealed container in a well ventilated area.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**Engineering Controls:**

Have eye wash stations available near workstations

**Personal Protection**

**Eye:**

OSHA approved safety glasses should be worn.

**Skin/Body:**

Chemical resistant clothing and gloves may be worn.

**Respiratory:**

Not needed under normal conditions of use. Use adequate ventilation or NIOSH-approved respiratory devices if required for application.

**Ventilation:**

Handle in well ventilated areas.

**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 chemicals

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:**

Liquid

**Color:**

Clear to hazy

**Odor:**

Characteristic

**Specific Gravity (H<sub>2</sub>O = 1):**

0.9150 g/cm<sup>3</sup>

Flash Point: > 200°F (Tag Open Cup)  
Boiling Point: ~100°C  
Evaporation Rate: N/A  
Solubility in Water: Insoluble

#### 10. STABILITY AND REACTIVITY

Stability: Stable  
Conditions to Avoid: Extreme heat  
Incompatibility (Materials to Avoid): None  
Hazardous Decomposition or Byproducts: None  
  
Hazardous Polymerization: Will Not Occur

#### 11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure: Irritation of skin and eyes; dizziness or lightheadedness; nausea or vomiting.  
Irritancy: Skin: May be an irritant  
Eyes: May be an irritant  
Carcinogenicity: NTP: No IARC: No OSHA Regulated: No

#### 12. ECOLOGICAL INFORMATION

Ecological Information: No ecological hazards are associated with this product.

#### 13. DISPOSAL CONSIDERATIONS

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

#### 14. TRANSPORT INFORMATION

DOT Classification: Not regulated

#### 15. REGULATORY INFORMATION

No Information

#### 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.