

Elder Flowers Rubbed – Dried Herb Version: 01 Date Implement: September 2009

# Not classified as hazardous according to criteria of Worksafe Australia

# 1. COMPANY DETAILS

**1.1 Company:** Saffire Blue Inc.

**1.2 Address:** 1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada

**1.3 Telephone Number:** Tel: 519-286-0295

1.4 Fax Number:

1.5 Email:info@saffireblue.ca1.6 Web Site:www.saffireblue.ca

# 2. PRODUCT IDENTIFICATION AND COMPOSITION

2.1 Product Name: Elder Flowers Rubbed – Dried Herb

2.2 Botanical Name: Sambucus nigra
2.3 Product Code: RMHTELDE
2.4 USA INCI Name: Not allocated
2.5 EU INCI Name: Not allocated

# 2.6 Ingredients:

	Component Entity	CAS Number	EINECS Number	Proportions [%w/w]
Ī	Elder Flowers	Not allocated	Not allocated	100% pure

**2.7 Uses:** Pot Pourri, Cosmetics, Soaps.



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3. HAZARD IDENTIFICATION

3.1 Physical - Chemical Hazards

**Explosion:** None identified.

Flammable: Combustible solid, produces oxides of carbon when burning.

Oxidizing:
Not applicable.
Toxic:
None identified.
Radioactive:
Not applicable.
Vorrosive:
None identified.
Miscellaneous:
None identified.

**3.2 Environmental Hazards:** None identified.

3.3 Health Hazards

Acute Effects: Swallowed: May be harmful.

**Eye:** May be irritating. Skin: May be irritating. Inhalation: May be harmful.

Chronic Effects:

Mutagenic Effects:

Reproductive Effects:

Carcinogenic Effects:

Sensitisation:

Infectious:

None identified.

None identified.

None identified.

None identified.

None identified.

None identified.

4. FIRST AID

**4.1 Eye Contact:** Flush immediately with clean water for at least 15 minutes. Ensure irrigation

under eyelids. Do not try to remove contact lenses unless trained.

Contact a physician as necessary.

**4.2 Skin Contact:** Remove any contaminated clothing and footwear. Clean before re-use.

Wash affected areas thoroughly with soap and water for at least 15 minutes.

Contact a physician as necessary.

**4.3 Inhalation:** Remove from the exposure to fresh air. If breathing has stopped, administer

artificial respiration and oxygen if available.

Contact a physician as necessary.

**4.4 Ingestion:** Do Not induce vomiting.

Wash out mouth with water and give water slowly to dilute [as much as casualty

can comfortably drink] provided person is conscious.

Never give liquid to a person showing signs of being sleepy or with reduced

awareness; i.e. becoming unconsciousness.

Contact a physician or local poison control centre immediately.

If vomiting occurs, lean patient forward or place on left side [head-down position,

if possible to maintain open airway and prevent aspiration.

**4.5 Contact Point:** Poisons Information Centre Sydney [T] 131126

**4.6 Advice to Doctor:** Treat symptomatically. Note the nature of this product.



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5. FIRE FIGHTING MEASURES

**5.1 Extinguishing Media:** Carbon Dioxide; Dry Chemical; Water Spray; Universal-Type Foam.

5.2 Unsuitable Extinguishing Media: None established.5.3 Unusual Firefighting Hazards: None identified.

**5.4 Special Procedures:** Determine the need to evacuate or isolate the area according to your local

emergency plan.

**5.5 Protective Equipment:** Self-contained breathing apparatus and protective clothing should be worn

when fighting fires involving essential oils or chemicals.

**5.6 Combustion Products:** Oxides of carbon.

**5.7 Contact Point:** Dial 000 Emergency in case of fire [In Australia]

or Local Emergency Authority [Out of Australia].

6. ACCIDENTAL RELEASE MEASURES

**6.1 Personal Precautions:** Use of self-contained breathing apparatus is recommended for any major

chemical spill. Refer also to section 8.

**6.2 Safety Precautions:** Eliminate ALL ignition sources. Ventilate area. Determine the need to

evacuate or isolate the area according to your local emergency plan;

**6.3 Environmental Precautions:** Keep away from drains, surface and ground water.

Report spills to appropriate Authorities if required.

**6.4 Methods For Cleaning Up:** Contain spill and recover free product. Absorb remainder on vermiculite or

other suitable absorbent material. Wipe small spills with cloth. Clean with hot

water and detergent. Refer also to Section 13. for disposal procedures.

7. SAFE HANDLING AND STORAGE INFORMATION

**7.1 Handling:** Avoid inhalation and contact with skin and eyes. Good personal hygiene

practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should

be cleaned before re-use.

**7.2 Storage:** Not a hazardous material. Not a Scheduled Poison.

Containers should be kept closed in order to minimise contamination.

Store in a cool, dry, well ventilated place protected from light. Keep from extreme heat and away from ALL sources of ignition.

Make sure the material does not come into contact with substances listed as:

"Materials to Avoid", Refer to Section 10.

7.3 Unsuitable Packaging Materials: None established.

**7.4 Special Procedures:** None established.



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#### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**8.1 Respiratory Protection:** None generally required. Use NIOSH approved respirator in confined areas or if

ventilation is inadequate.

**8.2 Ventilation Protection:** Ensure adequate ventilation to keep exposure levels to a minimum.

General exhaust is recommended.

8.3 Eye Protection: Using goggles or face shield is recommended.
8.4 Protective Gloves: Using chemical resistant gloves is recommended.
8.5 Protective Clothing: Using chemical resistant clothing is recommended.

**8.6 Protective Equipment:** An eyewash fountain and / or safety shower should be available in the work area.

8.7 Special Engineering Controls: None established.

**8.8 Other Personal Protection:** Consult the following Australian Standards for general advice regarding safety

clothing and equipment: Respiratory Equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS 2919**, Industrial Eye Protection: **AS 1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS 2210**.

**8.9 Note:** These precautions are for room temperature handling. Use at elevated

temperature or aerosol / spray applications may require additional precautions.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

TEST	SPECIFICATION			
9.1 Appearance:	Cut up flowers			
9.2 Odour:	Characteristic			
Odour Threshold:	Not available.			
9.3 Bulk Density:	Not available.			
9.4 Refractive Index:	Not applicable.			
9.5 Optical Rotation:	Not applicable.			
9.6 pH:	Not available.			
9.7 Solubility:	Dispersible in vegetable oils			
9.8 Solubility in Water:	Dispersible			
9.9 Flash Point:	Not available.			
9.10 Flammability Limits [as % v/v in Air]				
Lower Explosion Limit:	Not available.			
Upper Explosion Limit:	Not available.			
9.11 Autoignition Temperature:	Not available.			
9.12 Melting Point:	Not available.			
9.13 Boiling Point:	Not available.			
9.14 Vapour Pressure:	Not available.			
9.15 Vapour Density:	Not available.			



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9.16 SCCNFP Allergens Annex III - Cosm			03/15/EC [7 <sup>th</sup> a		tion Limit 0.01%.		
CONSTITUENT	IFRA	EFFA	CAS Number	EINECS Number	RANGE		
Amyl Cinnamal:	YES	NO	122-40-7	204-541-5	Not Detected		
Amyl Cinnamyl Alcohol:	YES	NO	101-85-9	202-982-8	Not Detected		
Anisyl Alcohol:	NO	YES	1331-81-3	215-561-9	Not Detected		
Benzyl Alcohol:	NO	YES	100-51-6	202-859-9	Not Detected		
Benzyl Benzoate:	NO	YES	120-51-4	204-402-9	Not Detected		
Benzyl Cinnamate:	NO	YES	103-41-3	203-109-3	Not Detected		
Benzyl Salicylate:	NO	YES	118-58-1	204-262-9	Not Detected		
Cinnamal:	YES	YES	104-55-2	203-213-9	Not Detected		
Cinnamyl Alcohol:	YES	YES	104-54-1	203-212-3	Not Detected		
Citral:	YES	YES	5392-40-5	226-394-6	Not Detected		
Citronellol:	NO	YES	106-22-9	203-375-0	Not Detected		
Coumarin:	NO	YES	91-64-5	Not allocated	Not Detected		
Eugenol:	YES	YES	97-53-0	202-589-1	Not Detected		
Farnesol:	YES	YES	4602-84-0	225-004-1	Not Detected		
Geraniol:	NO	YES	106-24-1	203-377-1	Not Detected		
Hexyl Cinnamal:	YES	NO	101-86-0	202-983-3	Not Detected		
Citronellal Hydrate:	YES	NO	107-75-5	203-518-7	Not Detected		
iso-Eugenol:	YES	YES	97-54-1	202-590-7	Not Detected		
Butyl Phenyl Methyl Propional:	YES	NO	80-54-6	201-289-8	Not Detected		
Limonene:	YES	YES	5989-27-5	227-813-5	Not Detected		
Linalool:	YES	YES	78-70-6	201-134-4	Not Detected		
Hydroxyisohexyl-3-Cyclohexene	NO	NO	31906-04-4	250-863-4	Not Detected		
Carboxaldehyde							
Methyl Heptin Carbonate:	YES	NO	111-12-6	203-836-6	Not Detected		
Methyl Ionone:	YES	NO	127-51-5	204-846-3	Not Detected		
			90028-68-5	289-861-3			
Evernia Prunastri Extract [Oakmoss]:	YES	NO	9000-50-4		Not Detected		
			68917-10-2				
			90028-67-4	289-860-8			
Evernia Furfuracea Extract [Treemoss]:	YES	NO	68648-41-9		Not Detected		
			68917-40-8				
9.17 Additional EFFA Listed Sensitisers & IFRA Notifiable Substances. Detection Limit 0.01%.							
CONSTITUENT	IFRA	EFFA	CAS Number	EINECS Number	RANGE		
No Additional Sensitisers	NO	NO	Not allocated	Not allocated	Not Detected		
No Additional Notifiable Substances	NO	NO	Not allocated	Not allocated	Not Detected		
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10. STABILITY AND REACTIVITY

10.1 Stability: Chemically stable, non hazardous material.

This material presents no significant reactivity hazard.

10.2 Conditions to Avoid: None established.

10.3 Materials to Avoid: Strong acids, strong alkalis and oxidizing agents.

Combustible solid. 10.4 Flammability: 10.5 Hazardous Polymerization: Will not occur.

10.6 Hazardous Combustion or Carbon monoxide and unidentified organic compounds may be formed

**Decomposition Products:** during combustion.

#### 11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity

Not tested on animals - So not available. LD50 [Oral]: Not tested on animals - So not available. LD50 [Dermal]: Not tested on animals - So not available. LC50 [Inhalation]:

There is a blanket recommendation of 10 mg/m<sup>3</sup> for inspirable dusts or 11.2 Exposure Limits

mists when limits have not otherwise been established.

**OSHA TWA:** None established. **OSHA STEL:** None established. **ACGIH TWA:** None established. **ACGIH STEL:** None established. None established. **NOHSC TWA:** None established. **NOHSC STEL:** 11.3 Short Term Toxicity: Not available. Not available.

11.4 Long Term Toxicity: 11.5 Human Exposure Tests: Not available.

#### 12. ECOLOGICAL INFORMATION

None established. Avoid pollution to soil, rivers and the ocean. 12.1 Eco-toxicity:

12.2 Mobility: Low mobility in the soil.

12.3 Persistence & Degradability: Low persistence level and readily biodegradable.

12.4 Bio-accumlative Potential: None established. 12.5 Other Adverse Effects: None established.

# 13. DISPOSAL CONSIDERATION

13.1 Waste Material: Place material and / or absorbent into sealed containers and dispose of in

accordance with current applicable laws and regulations.

Refer to local Authority advice.

Dispose of in accordance with current applicable laws and regulations. 13.2 Contaminated Packaging:

Refer to local Authority advice.

13.3 Note: Empty containers can have residues, gases and mists.

Use the proper Waste Disposal Methods & Procedures for Empties as well.



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#### 14. TRANSPORT INFORMATION

**14.1 Transportation:** Not Dangerous Goods according to criteria of the Australian Dangerous Goods

Code for Transport by Road and Rail. No special transport required.

Not to be transported with Classes 1 [Explosives], 2.1 [Flammable Gases] [nb this applies only when in bulk], 2.3 [Poisonous Gases], 4.2 [Spontaneously Combustible Substances], 5.1 [Oxidising Agents], 5.2 [Organic Peroxides], 7

[Radioactive Substances], and Foodstuffs or Foodstuff empties.

14.2 Proper Shipping Name:Not Regulated.14.3 UN Number:Not allocated.14.4 Packaging Group:Not allocated.14.5 DG Class:Not allocated.14.6 Poison Schedule:Not Scheduled.14.7 Hazchem Code:Not allocated.

## 14.8 Maritime Transportation IMDG

**IMDG Class:** 

**UN Number:** 

Label:

Name:

14.9 Air Transportation ICAO-TI and IATA-DGR

ICAO / IATA Class:Not allocated.Label:Not allocated.UN Number:Not allocated.Packaging Group:Not allocated.

Packaging Group: Not allocated.

EMS Number: Not allocated.

Marine Pollutant: Not allocated.

Proper Shipping Not Regulated.

Name:

Not allocated.

Not allocated.

Not allocated.

# 15. REGULATORY INFORMATION

15.1 Risk Symbols:Not allocated.15.2 Risk Phrases:Not allocated.15.3 Safety Phrases:Not allocated.15.4 Warning Statements:Not allocated.15.5 Safety Directions:Not allocated.15.6 Standard Statements:Not allocated.



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#### **16. ADDITIONAL INFORMATION**

#### **16.1 DISCLAIMER**

The information contained in this Material Safety Data Sheet is obtained from current and reliable sources. Saffire Blue Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Material Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product. This document is thus, intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. As the ordinary or otherwise use(s) of this product is outside the control of Saffire Blue Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. Saffire Blue Inc. expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered as a recommendation by Saffire Blue Inc. as to the fitness for any use. The liability of Saffire Blue Inc. is limited to the value of the goods and does not include any consequential loss. Saffire Blue Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Saffire Blue Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.

#### 16.2 MANUFACTURED PRODUCTS INGREDIENT DISCLAIMER

As the availability of ingredients and raw materials is not always certain whether due to changes in nature or otherwise, Saffire Blue Inc. reserves the right to substitute alternate ingredients/raw materials in the manufacture of its products and bases in order to maintain supply to its customers. Customers should always refer to the ingredients label as affixed to each product or to specification sheets which are current at the time of supply of the product.