

**1. Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade Name:** Wisteria Lilac RA-104778 ARB P10089**Product/Sales No:** 5252882**1.2 Relevant identified product use****Intended use:** Compound used in customer substance/mixture/product**1.3 Details of the manufacturer/supplier of the safety data sheet****Distributed By:** Saffire Blue inc.  
1444 Bell Mill Side Road  
Tillsonburg, ON N4G4G9 Canada  
www.SAFFIREBLUE.ca**2. Hazards Identification****2.1 Classification of the substance or mixture**

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

**Classification according to GHS Regulation (EC) No 1272/2008**

Acute Toxicity Oral, Category 5	H303: May be harmful if swallowed
Acute Toxicity Dermal, Category 4	H312: Harmful in contact with skin
Skin Corrosion/Irritation, Category 2	H315: Causes skin irritation
Sensitization, Skin, Category 1A	H317: May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319: Causes serious eye irritation
Reproductive Toxicology, Category 2	H361: Suspected of damaging fertility or the unborn child
Aquatic Chronic Toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects

**Classification OSHA (Provisions 1910.1200 of title 29)**

Flammability	Class IIIB Combustible Liquid
Acute Dermal/Eye	12 : Causes skin irritation. 15 : May cause eye irritation. 9 : Harmful if absorbed through the skin.
Acute Inhalation	23 : May cause respiratory tract irritation. 25 : Inhalation at high levels may cause: anesthesia, tremors, labored breathing, hypothermia, lethargy, ataxia.
Acute Oral	3 : May be harmful if swallowed .
Reproductive/Developmental	39 : Causes reproductive/developmental toxicity in animals.
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	26 : Prolonged or repeated ingestion may cause damage to: kidneys, adrenal glands, liver, stomach, brain, tongue, mucous membranes, musculo-skeletal system, male reproductive system 28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin, testes



Carcinogenicity

This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following:None [X] ACGIH [ ] IARC [ ] NTP [ ] OSHA [ ]

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

**Hazard pictograms**



**Signal Word: Warning**

**Hazard statements**

- H303 May be harmful if swallowed
- H312 Harmful in contact with skin
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H361 Suspected of damaging fertility or the unborn child
- H411 Toxic to aquatic life with long lasting effects

**Precautionary Statements**

**Prevention:**

- P201 Obtain special instructions before use
- P202 Do not handle until all safety precautions have been read and understood
- P264 Wash hands thoroughly after handling
- P272 Contaminated work clothing should not be allowed out of the workplace
- P273 Avoid release to the environment
- P281 Use personal protective equipment as required

**Response:**

- P302 + P352 IF ON SKIN: Wash with soap and water
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing
- P308 + P313 IF exposed or concerned: Get medical advice/attention
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention
- P337 + P313 If eye irritation persists: Get medical advice/attention
- P362 Take off contaminated clothing and wash before reuse
- P363 Wash contaminated clothing before reuse
- P391 Collect Spillage

**2.3 Other Hazards**

**no data available**

**3. Composition/Information on Ingredients**

**3.1 Mixtures**

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):



<b>CAS# Ingredient</b>	<b>EC#</b>	<b>Conc. Range</b>	<b>GHS Classification</b>	<b>OSHA Classification</b>
<b>60-12-8</b> <i>phenethyl alcohol</i>	200-456-2	20 - 30 %	H302; H313; H316; H319	11, 15, 3
<b>98-55-5</b> <i>alpha-Terpineol</i>	202-680-6	10 - 20 %	H227; H303; H315; H319; H401	11, 15, 23
<b>120-51-4</b> <i>Benzyl Benzoate</i>	204-402-9	10 - 20 %	H302; H313; H400; H411	28, 3
<b>80-54-6</b> <i>Butylphenyl Methylpropional</i>	201-289-8	10 - 20 %	H227; H302; H315; H317; H361; H401; H411	11, 15, 26, 28, 3, 31, 39
<b>104-54-1</b> <i>Cinnamyl Alcohol</i>	203-212-3	5 - 10 %	H303; H317	11, 15, 31
<b>120-57-0</b> <i>Piperonal</i>	204-409-7	5 - 10 %	H303; H317; H401	31
<b>100-51-6</b> <i>Benzyl Alcohol</i>	202-859-9	2 - 5 %	H302; H313; H319; H332	11, 15, 23, 25, 31
<b>122-78-1</b> <i>Phenylacetaldehyde</i>	204-574-5	2 - 5 %	H227; H302; H313; H316; H317	31
<b>140-11-4</b> <i>Benzyl acetate</i>	205-399-7	2 - 5 %	H303; H316; H401; H412	15, 25, 26, 31, 39
<b>97-54-1</b> <i>Iso Eugenol</i>	202-590-7	2 - 5 %	H302; H312; H315; H317; H319; H401	12, 15, 3, 31, 9
<b>123-11-5</b> <i>Anisaldehyde</i>	204-602-6	1 - 2 %	H303; H316; H402	11, 15

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 0.10

## 4. First Aid Measures

### 4.1 Description of first aid measures

<b>Inhalation:</b>	Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
<b>Eye Exposure:</b>	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
<b>Skin Exposure:</b>	Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
<b>Ingestion:</b>	Rinse mouth with water and obtain medical advice.

### 4.2 Most important symptoms and effects, both acute and delayed

<b>Symptoms:</b>	no data available
<b>Risks:</b>	Refer to Section 2.2 "Hazard Statements"

### 4.3 Indication of any immediate medical attention and special treatment needed

<b>Treatment:</b>	Refer to Section 2.2 "Response"
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5. Fire-Fighting measures

5.1 Extinguishing media

Suitable: Carbon dioxide (CO2), Dry chemical, Foam
Unsuitable: Do not use a direct water jet on burning material

5.2 Special hazards arising from the substance or mixture

During fire fighting: Water may be ineffective

5.3 Advice for firefighters

Further information: Standard procedure for chemical fires

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections

Not Applicable

7. Handling and Storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

7.3 Specific end uses

No information available

8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits:

Table with 4 columns: Component, ACGIH TWA ppm, ACGIH STEL ppm, OSHA TWA ppm, OSHA STEL ppm. Row 1: 140-11-4 Benzyl acetate, 10

Engineering Controls: Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment

Eye protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure



**Respiratory protection:** Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.  
**Skin protection:** Avoid Skin contact. Use chemically resistant gloves as needed.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	Conforms to Standard
<b>Odor:</b>	Conforms to Standard
<b>Color:</b>	Conforms to standard
<b>Viscosity:</b>	Liquid
<b>Freezing Point:</b>	Not determined
<b>Boiling Point:</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Flashpoint:</b>	>200 F (93.33 C)
<b>Auto flammability:</b>	Not determined
<b>Explosive Properties:</b>	None Expected
<b>Oxidizing properties:</b>	None Expected
<b>Vapor Pressure (mmHg@20 C):</b>	
<b>%VOC:</b>	0
<b>Specific Gravity @ 25 C:</b>	Not determined
<b>Density @ 25 C:</b>	Not determined
<b>Refractive Index @ 20 C:</b>	Not determined
<b>Soluble in:</b>	Not determined

## 10. Stability and Reactivity

<b>10.1 Reactivity</b>	None
<b>10.2 Chemical stability</b>	Stable
<b>10.3 Possibility of hazardous reactions</b>	None known
<b>10.4 Conditions to avoid</b>	None known
<b>10.5 Incompatible materials</b>	Strong oxidizing agents, strong acids, and alkalis
<b>10.6 Hazardous decomposition products</b>	None known

## 11. Toxicological Information

### 11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

<b>Acute toxicity - Oral - (Rat) mg/kg</b>	(LD50: 2,106.75) May be harmful if swallowed
<b>Acute toxicity - Dermal - (Rabbit) mg/kg</b>	(LD50: 1,887.29) Harmful in contact with skin
<b>Acute toxicity - Inhalation - (Rat) mg/L/4hr</b>	(LC50: Undetermined) Not classified - the classification criteria are not met



<b>Skin corrosion / irritation</b>	Causes skin irritation
<b>Serious eye damage / irritation</b>	Causes serious eye irritation
<b>Respiratory sensitization</b>	Not classified - the classification criteria are not met
<b>Skin sensitization</b>	May cause an allergic skin reaction
<b>Germ cell mutagenicity</b>	Not classified - the classification criteria are not met
<b>Carcinogenicity</b>	Not classified - the classification criteria are not met
<b>Reproductive toxicity</b>	Suspected of damaging fertility or the unborn child
<b>Specific target organ toxicity - single exposure</b>	Not classified - the classification criteria are not met
<b>Specific target organ toxicity - repeated exposure</b>	Not classified - the classification criteria are not met
<b>Aspiration hazard</b>	Not classified - the classification criteria are not met

## 12. Ecological Information

### 12.1 Toxicity

<b>Acute aquatic toxicity</b>	Not classified - the classification criteria are not met
<b>Chronic aquatic toxicity</b>	Toxic to aquatic life with long lasting effects
<b>Toxicity Data on soil</b>	no data available
<b>Toxicity on other organisms</b>	no data available

**12.2 Persistence and degradability** no data available

**12.3 Bioaccumulative potential** no data available

**12.4 Mobility in soil** no data available

**12.5 Other adverse effects** no data available

## 13. Disposal Conditions

### 13.1 Waste treatment methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

## 14. Transport Information

<b>Regulator</b>	<b>Class</b>	<b>Pack Group</b>	<b>Sub Risk</b>	<b>UN-nr.</b>
<b>U.S. DOT (Non-Bulk)</b> Chemicals NOI	Not Regulated - Not Dangerous Goods			
<b>ADR/RID (International Road/Rail)</b> Environmentally Hazardous Liquid, n.o.s.	Substance, 9	III		UN3082
<b>IATA (Air Cargo)</b> Environmentally Hazardous Liquid, n.o.s.	Substance, 9	III		UN3082
<b>IMDG (Sea)</b>				



Environmentally Hazardous Substance, 9 III UN3082  
Liquid, n.o.s.

15. Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act): All components of the substance/mixture are listed or exempt  
40 CFR(EPCRA, SARA, CERCLA and CAA) This product contains NO components of concern.

U.S. State Regulations:

California Proposition 65 Warning This product contains the following components:  
123-35-3(NF 204-622-5 <= 20 ppm beta-Myrcene (NFS)

Canadian Regulations:

DSL / NDSL 99.77% of the components are listed or exempt.  
2550-52-9 0.1 - 1.0 % Cyclohexadecanone  
3100-36-5 401-700-2 0.01 - 0.1% Cyclohexadec-8-en-1-one mixture of cis and trans isomer

16. Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk (TFV) Risk  
(3.72) Skin Corrosion/Irritation, Category 2 (23.30) Sensitization, Skin, Category 1A  
(5.73) Eye Damage/Eye Irritation, Category 2A (4.55) Reproductive Toxicology, Category 2  
(1.23) Aquatic Chronic Toxicity, Category 2

Department issuing data sheet: Regulatory Affairs Group

Remarks

This safety data sheet is based on the properties of the material known to Saffire Blue inc. at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Saffire Blue inc. holds no responsibility. This document is not intended for quality assurance purposes.