



1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: South Pacific

Product/Sales No: 5252925

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

Manufacturer: Saffire Blue inc.
1444 Bell Mill Side Road
Tillsonburg, ON
N4G4G9
Canada

1.4 Emergency telephone number

(613)-996-6666 CANUTEC 24 HOUR EMERGENC

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 and (EC) No 1272/2008 (CLP)

Flammable Liquids, Category 4	H227: Combustible liquid
Acute Toxicity Oral, Category 5	H303: May be harmful if swallowed
Aspiration Hazard, Category 1	H304: May be fatal if swallowed and enters airways
Acute Toxicity Dermal, Category 5	H313: May be harmful in contact with skin
Skin Corrosion/Irritation, Category 2	H315: Causes skin irritation
Sensitization, Skin, Category 1B	H317: May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319: Causes serious eye irritation
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
Target Organ Systemic Toxicity - Single Exposure, Category 2	H371: May cause damage to organs
Aquatic Chronic Toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammability	Class IIIA Combustible Liquid
Acute Dermal/Eye	12 : Causes moderate 16 : Causes 9 : Harmful if absorbed through the skin.
Acute Inhalation	25 : Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia
Acute Oral	2 : Harmful if swallowed
Reproductive/Developmental	39 : Causes reproductive/developmental
Sensitization/Allergic Response	31 : May cause allergic skin reaction.



Target Organ Effects

26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver, spleen, blood, stomach, brain, bile duct, tongue, mucous membranes, musculo-skeletal system

Carcinogenicity

28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin
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: Danger

Hazard statements

- H227 Combustible liquid
- H303 May be harmful if swallowed
- H304 May be fatal if swallowed and enters airways
- H313 May be harmful in contact with skin
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H333 May be harmful if inhaled
- H371 May cause damage to organs
- H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

- P235 Keep cool
- P260 Do not breathe dust/fume/gas/mist/vapors/spray
- P264 Wash hands thoroughly after handling
- P270 Do not eat, drink or smoke when using this product
- P272 Contaminated work clothing should not be allowed out of the workplace
- P273 Avoid release to the environment

Response:

- P301 + P310 + P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting
- P302 + P352 IF ON SKIN: Wash with soap and water
- P304 + P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing
- P309 IF exposed or you feel unwell:
- P311 Call a POISON CENTER or doctor/physician
- 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
P370 + P378	In case of fire: Use Carbon dioxide (CO ₂), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material
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):

CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
64742-47-8 <i>Distillates, petroleum, hydrotreated light</i>	265-149-8	10 - 20 %	H304	3
118-58-1 <i>Benzyl Salicylate</i>	204-262-9	10 - 20 %	H303; H317; H320; H371; H401; H412	31
78-70-6 <i>Linalool</i>	201-134-4	5 - 10 %	H227; H303; H315; H319; H402	12, 26
103-95-7 <i>2-Methyl-3-(p-isopropylphenyl)propionaldehyde</i>	203-161-7	5 - 10 %	H227; H303; H315; H317; H401; H412	11, 15, 31
32210-23-4 <i>4-tert-Butylcyclohexyl acetate</i>	250-954-9	5 - 10 %	H303; H317; H401	11, 15
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	5 - 10 %	H302; H313; H400; H411	28, 3
125-12-2 <i>Isobornyl acetate</i>	204-727-6	5 - 10 %	H227; H316; H401	11, 15
115-95-7 <i>Linalyl acetate</i>	204-116-4	5 - 10 %	H227; H315; H319; H401; H402	
104-61-0 <i>gamma-Nonalactone</i>	203-219-1	2 - 5 %	H316	12, 15
91-64-5 <i>Coumarin</i>	202-086-7	2 - 5 %	H302; H317; H402	12, 15, 2, 26, 31, 9
60-12-8 <i>phenethyl alcohol</i>	200-456-2	2 - 5 %	H302; H313; H316; H319	11, 15, 3
14901-07-6 <i>beta-Ionone</i>	238-969-9	2 - 5 %	H316; H401; H411	11, 39
68737-61-1 <i>Dimethyltetrahydro Benaldehyde</i>	272-113-5	2 - 5 %	H227; H303; H313; H315; H317; H319; H402; H412	12, 15, 31
68608-32-2 <i>Cedarwood oil terpenes</i>	294-461-7	2 - 5 %	H304; H400; H410	
97-53-0 <i>Eugenol</i>	202-589-1	1 - 2 %	H303; H316; H317; H319; H401	11, 15, 31



CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
8021-29-2 <i>Abies sibirica oil</i>	294-351-9	1 - 2 %	H226; H304; H316; H319; H400; H410	12, 16, 3, 31
68912-13-0 <i>Hexahydro-methanoindenyl Propionate</i>	272-805-7	1 - 2 %	H316; H401; H411	11, 15
8000-48-4 <i>Eucalyptus globulus leaf oil</i>	283-406-2	1 - 2 %	H226; H303; H304; H313; H315; H319; H401; H411	11, 3, 31
123-11-5 <i>Anisaldehyde</i>	204-602-6	1 - 2 %	H303; H316; H402	11, 15
140-11-4 <i>Benzyl acetate</i>	205-399-7	1 - 2 %	H303; H316; H401; H412	15, 25, 26, 31, 39
67634-15-5 <i>Ethyl 2,2-dimethylhydrocinnamal</i>	266-819-2	1 - 2 %	H316	11, 15
93-92-5 <i>methylbenzyl acetate</i>	202-288-5	1 - 2 %	H227; H401	

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 19.99

4. First Aid Measures

4.1 Description of first aid measures

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

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms:** no data available
- Risks:** Refer to Section 2.2 "Hazard Statements"

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment:** Refer to Section 2.2 "Response"

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:

Component	ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
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

Appearance: Conforms to Standard

Odor: Conforms to Standard

Color: Colorless to Nearly Colorless



Viscosity:	Liquid
Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint (CCCFP):	184 F (84.44 C)
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	0.0576
%VOC:	6.5
Specific Gravity @ 25 C:	0.9540
Density @ 25 C:	0.9510
Refractive Index @ 20 C:	1.4880
Soluble in:	Oil

10. Stability and Reactivity

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

11. Toxicological Information

11.1 Toxicological Effects

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

Acute toxicity - Oral - (Rat) mg/kg	(LD50: 2,760.54) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 2,461.71) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LC50: 42.63) May be harmful if inhaled
Skin corrosion / irritation	Causes skin irritation
Serious eye damage / irritation	Causes serious eye irritation
Respiratory sensitization	Not classified - the classification criteria are not met
Skin sensitization	May cause an allergic skin reaction
Germ cell mutagenicity	Not classified - the classification criteria are not met
Carcinogenicity	Not classified - the classification criteria are not met
Reproductive toxicity	Not classified - the classification criteria are not met
Specific target organ toxicity - single exposure	May cause damage to organs
Specific target organ toxicity - repeated exposure	Not classified - the classification criteria are not met



Aspiration hazard

May be fatal if swallowed and enters airways

12. Ecological Information

12.1 Toxicity

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

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

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:
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Safety Data Sheet

Product: **South Pacific**

Page 8 of 8

2016-05-25

123-35-3(NF 204-622-5 0.01 - 0.1% beta-Myrcene (NFS)

Canadian Regulations:

DSL / NDSL

100.00% of the components are listed or exempt.

16. Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk

(2.40) Aspiration Hazard, Category 1

(17.30) Sensitization, Skin, Category 1B

(17.30) Target Organ Systemic Toxicity - Single Exposure, Category 2

(TFV) Risk

(2.24) Skin Corrosion/Irritation, Category 2

(4.03) Eye Damage/Eye Irritation, Category 2A

(2.14) 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.