

# Safety Data Sheet

Product: **Jamaica Me Crazy Fragrance Oil**

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

### 1.1 Product identifier

**Trade Name:** Jamaica Me Crazy Fragrance Oil

### 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

**Supplier:** ZEN AROMA  
22c Portside Drive  
Mt Maunganui, 3116  
New Zealand  
PH: 07 578 4755  
support@zenaroma.co.nz

## 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

Flammable Liquids, Category 4	H227: Combustible liquid
Acute Toxicity Oral, Category 5	H303: May be harmful if swallowed
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 1	H317: May cause an allergic skin reaction
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
Aquatic Chronic Toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects

#### Classification EU (67/548/EEC, 199/45/EC)

N	Dangerous for the Environment
	R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Xi	Irritant
	R43 : May cause sensitization by skin contact

### 2.2 Label elements

#### Labeling (REGULATION (EC) No 1272/2008)

##### Hazard pictograms



**Signal Word: Warning**

**Hazard statements**

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H227	Combustible liquid
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H333	May be harmful if inhaled
H411	Toxic to aquatic life with long lasting effects

## Precautionary Statements

### Prevention:

P235	Keep cool
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment

### Response:

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
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
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P370 + P378	In case of fire: Use Carbon dioxide (CO2), 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	EU Classification
<b>8050-15-5</b> <i>Methyl ester of rosin (partially hydrogenated)</i>	232-476-2	20 - 30 %	H402; H412	R52/53
<b>8016-20-4</b> <i>Citrus grandis peel oil</i>	289-904-6	5 - 10 %	H226; H304; H315; H317; H400; H410	R10; N - R50/53; Xi - R38, R43; Xn - R65
<b>104-61-0</b> <i>gamma-Nonalactone</i>	203-219-1	5 - 10 %	H316	
<b>120-51-4</b> <i>Benzyl Benzoate</i>	204-402-9	5 - 10 %	H302; H313; H400; H411	N - R51/53; Xn - R22
<b>88-41-5</b> <i>2-t-Butylcyclohexyl acetate</i>	201-828-7	2 - 5 %	H227; H303; H316; H401; H411	N - R51/53

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CAS# Ingredient	EC#	Conc. Range	GHS Classification	EU Classification
<b>6413-10-1</b> <i>Ethyl 2-methyl-1,3-dioxolane-2-acetate (Fructone)</i>	229-114-0	2 - 5 %	H227; H316	
<b>151-05-3</b> <i>1,1-Dimethyl-2-phenylethyl acetate</i>	205-781-3	2 - 5 %	H303; H316; H402; H412	R52/53
<b>54830-99-8</b> <i>Acetoxycyclopentadiene</i>	259-367-2	2 - 5 %	H303; H316; H402; H412	R52/53
<b>14901-07-6</b> <i>beta-Ionone</i>	238-969-9	2 - 5 %	H316; H401; H411	N - R51/53
<b>98-55-5</b> <i>alpha-Terpineol</i>	202-680-6	2 - 5 %	H227; H303; H315; H319; H401	Xi - R36, R38
<b>142-19-8</b> <i>Allyl heptanoate</i>	205-527-1	1 - 2 %	H227; H301; H311; H316; H331; H400; H412	N - R50/53; T - R23; Xn - R21, R22
<b>706-14-9</b> <i>gamma-Decalactone</i>	211-892-8	1 - 2 %	H316	
<b>78-70-6</b> <i>Linalool</i>	201-134-4	1 - 2 %	H227; H303; H315; H319; H402	Xi - R38

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 8.44

## 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

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

### 5.2 Special hazards arising from the substance or mixture

<b>During fire fighting:</b>	Water may be ineffective
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### 5.3 Advice for firefighters

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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:** Contains no substances with occupational exposure limit values

**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:** Tint to Pale Yellow

**Viscosity:** Liquid

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<b>Freezing Point:</b>	Not determined
<b>Boiling Point:</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Flashpoint:</b>	178 F (81.11 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>	0.1155
<b>%VOC:</b>	11.7072
<b>Specific Gravity @ 25 C:</b>	0.9670
<b>Density @ 25 C:</b>	0.9640
<b>Refractive Index @ 20 C:</b>	1.4760
<b>Soluble in:</b>	Oil

## 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 - mg/kg</b>	(LD50: 3,236.24) May be harmful if swallowed
<b>Acute toxicity - Dermal - mg/kg</b>	(LD50: 4,481.19) May be harmful in contact with skin
<b>Acute toxicity - Inhalation - mg/L/4hr</b>	(LC50: 27.88) May be harmful if inhaled
<b>Skin corrosion / irritation</b>	Causes skin irritation
<b>Serious eye damage / irritation</b>	Not classified - the classification criteria are not met
<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>	Not classified - the classification criteria are not met
<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

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## 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)		Not Regulated - Not Dangerous Goods			
Chemicals NOI					
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

### Additional European Regulations:

European Union (EINECS, ELINCS or NLP): 100.00% (by Wt) of the components are listed or exempt.

### Additional Asian Regulations:

Australian AICS:	100.00% (by Wt) of the ingredients on AICS or notified.
Chinese IECS:	100.00% (by Wt) of the ingredients on IECS.

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<b>Japan ENCS:</b>	99.99% (by Wt) of the ingredients on ENCS, fall within the 1000 kilogram per annum exemption or have been notified.
<b>Korea KECL:</b>	99.99% (by Wt) of the ingredients on KECL, fall within the 100 kilogram per annum exemption or have been notified.
<b>New Zealand NZIoC:</b>	97.69% (by Wt) of the ingredients on NZIoC.
<b>Philippines PICCS:</b>	100.00% (by Wt) of the ingredients on PICCS.

**The Status of the following ingredient(s) is NOT known for the registration lists noted;**

**Lists noted within <> brackets after name**

54830-99-8	259-367-2	2 - 5 %	Acetoxymethylcyclopentadiene : < NZIoC>
41816-03-9	255-560-0	0.01 - 0.1%	3,4,4a,5,8,8a-Hexahydro-3',7-dimethylspiro[1,4-methanonaphthalene-2(1H),2'-oxirane] (Rhubofix) : < KECL>
59323-76-1	261-699-8	<= 50 ppm	cis-2-Methyl-4-propyl-1,3-oxathiane : < ENCS, NZIoC>

## 16. Other Information

### GHS H-Statements referred to under section 3

#### Total Fractional Values

(TFV) Risk

(1.25) Skin Corrosion/Irritation, Category 2

(4.02) Aquatic Chronic Toxicity, Category 2

(TFV) Risk

(8.60) Sensitization, Skin, Category 1

Safety Data Sheet (SDS), New Zealand

The data contained in this Safety Data Sheet is accurate to the best knowledge of Zen Aroma applies to the product as supplied by Zen Aroma and does not relate to use in combination with any other material or in any process. Data and information is furnished without warranty expressed or implied, nor does Zen Aroma assume responsibility for use or reliance upon this data.

This SDS is current to the date listed above. However, the GHS classifications may change due to hazard communication updates by the overseeing governing body. For the most current SDS information please contact [support@zenaroma.co.nz](mailto:support@zenaroma.co.nz)