

Product: Eucalyptus

Print Date: 2024-02-14

Revised Date: 2024-02-14

1. Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade Name: Eucalyptus

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: Scent Studio
619 Emperor Street SW
Grand Rapids, MI 49504, USA

1.4 Emergency telephone number

(616) 570-0147 Domestic and International use

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

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 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
Aquatic Chronic Toxicity, Category 2	H411 : Toxic to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

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
Reproductive Toxicity, Category 2	H361 : Suspected of damaging fertility or the unborn child

Classification Other

Carcinogenicity

This mixture does not contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [] IARC [] NTP [] OSHA []

2.2 Label elements**Labelling (GHS)****Hazard pictograms**

Product: **Eucalyptus**

Print Date: 2024-02-14

Revised Date: 2024-02-14

Signal Word: Danger**Hazard statements**

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
H319	Causes serious eye irritation
H333	May be harmful if inhaled
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
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
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):

Name	CAS	%	GHS Classification
Benzyl Alcohol	100-51-6	10 - 20 %	H302; H313; H319

Product: **Eucalyptus**

2,6-dimethyloct-7-en-2-ol	18479-58-8	2 - 5 %	H227; H303; H315; H319; H402
Benzyl Salicylate	118-58-1	2 - 5 %	H303; H317; H320; H401; H412
Linalyl Acetate	115-95-7	2 - 5 %	H227; H315; H317; H320; H402
Benzyl acetate	140-11-4	2 - 5 %	H303; H401; H412
Linalool	78-70-6	2 - 5 %	H227; H303; H315; H317; H319; H402
Terpineol	98-55-5	2 - 5 %	H227; H303; H315; H319; H401
Isobutyl Methyl Tetrahydropyranol	63500-71-0	2 - 5 %	H319
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	2 - 5 %	H315; H317; H401; H411
Coumarin	91-64-5	2 - 5 %	H301; H317; H402
l-Carvone	6485-40-1	2 - 5 %	H227; H303; H313; H317; H401
Citronellol	106-22-9	2 - 5 %	H303; H313; H315; H317; H319; H401
Cyclamen Aldehyde	103-95-7	2 - 5 %	H227; H303; H315; H317; H401; H412
a-Methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0	1 - 2 %	H303; H317; H361; H401; H411
Ethyl 2,2-dimethylhydrocinnamal	67634-15-5	1 - 2 %	H315; H317; H400; H411
Amyl salicylate	2050-08-0	1 - 2 %	H302; H400; H410
Hexyl cinnamal	101-86-0	1 - 2 %	H303; H316; H317; H400; H411
Hydroxycitronellal	107-75-5	1 - 2 %	H317; H319; H402
Acetyl cedrene	32388-55-9	0.1 - 1.0 %	H303; H317; H400; H410
4-tert-Butylcyclohexyl acetate	32210-23-4	0.1 - 1.0 %	H303; H317; H401
Ethyl Linalool	10339-55-6	0.1 - 1.0 %	H227; H303; H316; H317; H319; H402
Eucalyptol	470-82-6	0.1 - 1.0 %	H226; H303; H317; H320; H402
1-Methyl-4-(4-methyl-3-pentenyl)cyclohex-3-ene-1-carbaldehyde	52475-86-2	0.1 - 1.0 %	H315; H317; H318; H400; H410
Geraniol	106-24-1	0.1 - 1.0 %	H303; H315; H317; H318; H402
Nerol	106-25-2	0.1 - 1.0 %	H303; H315; H317; H319; H401
Allyl a-ionone	79-78-7	0.1 - 1.0 %	H317; H401; H411
Limonene	5989-27-5	0.1 - 1.0 %	H226; H304; H315; H317; H400; H412

Product: Eucalyptus

Print Date: 2024-02-14

Revised Date: 2024-02-14

4. First Aid Measures

4.1 Description of first aid measures

Inhalation:	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
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:

None expected, see Section 4.1 for further information

5. Fire-Fighting measures

5.1 Extinguishing media

Suitable:	Carbon dioxide, 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:	In case of insufficient ventilation, wear suitable respiratory equipment.
-----------------------------	---

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.

Product: **Eucalyptus**

Print Date: 2024-02-14

Revised Date: 2024-02-14

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 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	<i>Benzyl acetate</i>	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:	Liquid
Odor:	Conforms to Standard
Color:	Yellow Tint to Yellow (G1-4)
Viscosity:	Liquid
Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint (CCCFP):	97.78 C
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	0.0387
%VOC:	5.20
Specific Gravity @ 25 C:	0.9590
Density (g/mL) @ 25 C:	0.9560
Refractive Index @ 20 C:	1.4890
Soluble in:	Oil

Product: Eucalyptus

Print Date: 2024-02-14

Revised Date: 2024-02-14

10. Stability and Reactivity

10.1 Reactivity	Presents no significant reactivity hazard, by itself or in contact with water.
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	Not expected.

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: 2811.7620) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 2923.5529) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LD50: 24.1774) 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	Sensitization - Skin Category 1
Germ cell mutagenicity	Not classified - the classification criteria are not met
Carcinogenicity	Not classified - the classification criteria are not met
Reproductive toxicity	Suspected of damaging fertility or the unborn child
Specific target organ toxicity - single exposure	Not classified - the classification criteria are not met
Specific target organ toxicity - repeated exposure	Not classified - the classification criteria are not met
Aspiration hazard	Not classified - the classification criteria are not met

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity	Very Toxic to aquatic life Toxic to aquatic life with long lasting effects
Chronic aquatic toxicity	no data available
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

Product: Eucalyptus

Print Date: 2024-02-14

Revised Date: 2024-02-14

13. Disposal Conditions

13.1 Waste treatment methods

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal

14. Transport Information

Marine Pollutant Yes. Ingredient of greatest environmental impact :
2050-08-0 : (1 - 2 %) : Amyl salicylate

ADR/RID (International Road/Rail)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	III	UN3082
---	---	-----	--------

IATA (Air Cargo)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S	9	III	UN3082
--	---	-----	--------

IMDG (Sea)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	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:
123-35-3(NF 204-622-5 <= 73 ppm beta-Myrcene (Natural Source)

Canadian Regulations

DSL 100.00% of the components are listed or exempt.

16. Other Information

GHS H-Statements referred to under section 3 and not listed in section 2

- | | |
|--|---|
| H226 : Flammable liquid and vapour | H302 : Harmful if swallowed |
| H304 : May be fatal if swallowed and enters airways | H313 : May be harmful in contact with skin |
| H315 : Causes skin irritation | H319 : Causes serious eye irritation |
| H320 : Causes eye irritation | H401 : Toxic to aquatic life |
| H402 : Harmful to aquatic life | H410 : Very toxic to aquatic life with long lasting effects |
| H412 : Harmful to aquatic life with long lasting effects | |

Product: **Eucalyptus**

Print Date: 2024-02-14

Revised Date: 2024-02-14

Total Fractional Values

(TFV) Risk

(206.80) Acute Toxicity Inhalation, Category 5

(19.86) Aquatic Chronic Toxicity, Category 3

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

(2.77) Skin Corrosion/Irritation, Category 2

(1.78) Acute Toxicity Oral, Category 5

(TFV) Risk

(20.00) Reproductive Toxicity, Category 2

(4.50) Sensitization, Skin, Category 1B

(3.16) Skin Corrosion/Irritation, Category 3

(1.94) Aquatic Chronic Toxicity, Category 2

(1.71) Acute Toxicity Dermal, Category 5

Remarks

This safety data sheet is based on the properties of the material known to Scent Studio 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 Scent Studio holds no responsibility. This document is not intended for quality assurance purposes.