

Product: **Agave**

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: Agave

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

Flammable Liquid, Hazard Category 4	H227: Combustible liquid.
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
Toxic to Reproduction 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)

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 1B	H361 : Suspected of damaging fertility or the unborn child

Classification Other

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 (GHS)****Hazard pictograms**

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**Signal Word: Danger****Hazard statements**

H227	Combustible liquid
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:**

P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking
P261	Avoid breathing vapour or dust
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P280	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
P370 + 378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction
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):

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Name	CAS	%	GHS Classification
Dihydromyrcenol	18479-58-8	5-<10%	H227-H303-H315-H319-H402
alpha-Hexylcinnamaldehyde	101-86-0	5-<10%	H303-H316-H317-H400-H411
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	54464-57-2	1-<5%	H315-H317-H401-H410
alpha-Methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0	1-<5%	H303-H317-H361-H411
2-tert-Butylcyclohexyl acetate	88-41-5	1-<5%	H227-H303-H316-H411
3,7-Dimethyl-1,6-nonadien-3-ol	10339-55-6	1-<5%	H227-H303-H316-H317- H319-H402
gamma-Nonalactone	104-61-0	1-<5%	H316
LILIAL SUB		1-<5%	H315-H317-H319
2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	63500-71-0	1-<5%	H319
Linalool	78-70-6	1-<5%	H227-H303-H315-H317- H319-H402
GALAXOLIDE 50 BB	Solution	1-<5%	H303-H316
Coumarin	91-64-5	1-<5%	H302- H317-H402
Piperonal	120-57-0	1-<5%	H303- H317-H401
Linalyl acetate	115-95-7	1-<5%	H227-H315-H317-H320-H402
Ethyl vanillin	121-32-4	1-<5%	H303-H320- H402
7-Methyl-2H-benzo-1,5-dioxepin-3(4H)-one	28940-11-6	0.1-<1%	H314-H336
Cedrol methyl ether	19870-74-7	0.1-<1%	H317-H410
ORANGE OIL FLORIDA	8028-48-6	0.1-<1%	H226-H304-H315- H317-H411
Benzyl benzoate	120-51-4	0.1-<1%	H302-H313-H400-H411
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5	0.1-<1%	H316- H410
2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	28219-61-6	0.1-<1%	H315-H319-H411
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	68039-49-6	0.1-<1%	H227- H303-H315-H317-H319-H411
4-Methyl-3-decen-5-ol	81782-77-6	0.1-<1%	H227- H400-H411
2-Methyl-3-(p-isopropylphenyl) propionaldehyde	103-95-7	0.1-<1%	H227-H303-H315- H317-H401-H412
2,2-Dimethyl-3-phenylpropanol	13351-61-6	0.1-<1%	H302-H315-H319-H412

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Octahydrocoumarin	4430-31-3	0.1-<1%	H303-H313-H318-H402
Geranyl acetate	105-87-3	0.1-<1%	H315-H317-H401-H412
1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid)	1506-02-1	0.1-<1%	H302- H410
Amyl salicylate	2050-08-0	0.1-<1%	H302- H410
cis-3-Hexenyl methyl carbonate	67633-96-9	0.1-<1%	H227- H317-H401
3-(o-Ethylphenyl)-2,2-dimethylpropionaldehyde	67634-14-4	0.1-<1%	H315-H317-H400-H411
Hexyl salicylate	6259-76-3	0.1-<1%	H316-H317-H410
alpha-Cedrene	469-61-4	<0.1%	H304-H316-H410

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:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin Exposure:	IF ON SKIN: Wash with plenty of soap and water.
Ingestion:	Rinse mouth with water and obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of damaging fertility or the unborn child (exposure route).
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Risks:	Refer to Section 2.2 "Hazard Statements"
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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:	Carbon monoxide, Unidentified organic compounds
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5.3 Advice for firefighters

Further information:	In case of insufficient ventilation, wear suitable respiratory equipment.
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6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

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Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions

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

6.3 Methods and materials for containment and cleaning up

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections

Not Applicable

7. Handling and Storage

7.1 Precautions for safe handling

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end uses

No information available

8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits:

Component

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: Free flowing liquid without sediment

Odor: Characteristic

Color: 5 Pale Yellow - 3 Very Pale Yellow

Viscosity: Liquid

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Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint (CCCFP):	91.33 C
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	Not determined
%VOC:	Not determined
Specific Gravity @ 25 C:	Not determined
Density (g/mL) @ 25 C:	0.9400 - 0.9500
Refractive Index @ 20 C:	1.4678 - 1.4708
Soluble in:	Not determined

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	Not expected under normal conditions of use
10.4 Conditions to avoid	Avoid extreme heat
10.5 Incompatible materials	Avoid contact with strong acids, alkalis or oxidising agents.
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	>5000
Acute toxicity - Dermal - (Rabbit) mg/kg	Not Available
Acute toxicity - Inhalation - (Rat) mg/L/4hr	Not Available
Skin corrosion / irritation	Skin Corrosion / Irritation Category 2
Serious eye damage / irritation	Eye Damage / Irritation Category 2
Respiratory sensitization	Sensitization - Skin Category 1
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	Toxic to Reproduction Category 2
Specific target organ toxicity - single exposure	Not classified - the classification criteria are not met

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Specific target organ toxicity - repeated exposure Not classified - the classification criteria are not met**Aspiration hazard** Not classified - the classification criteria are not met**Information about hazardous ingredients in the mixture**

Ingredient	CAS	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
2-tert-Butylcyclohexyl acetate	88-41-5	4600	Not available	Not available	Not available
3,7-Dimethyl-1,6-nonadien-3-ol	10339-55-6	5000	Not available	Not available	Not available
Coumarin	91-64-5	500	Not available	Not available	Not available
Dihydromyrcenol	18479-58-8	3600	Not available	Not available	Not available
Ethyl vanillin	121-32-4	3000	Not available	Not available	Not available
Linalool	78-70-6	2790	Not available	Not available	Not available
Piperonal	120-57-0	2700	Not available	Not available	Not available
alpha-Hexylcinnamaldehyde	101-86-0	3100	Not available	Not available	Not available
alpha-Methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0	3562	Not available	Not available	Not available

12. Ecological Information**12.1 Toxicity****Acute aquatic toxicity** no data available**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**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.

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14. Transport Information

ADR/RID (International Road/Rail)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8 tetramethyl-2-naphthalenyl)ethanone, Cedrol methyl ether) 9 III UN3082

IATA (Air Cargo)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8 tetramethyl-2-naphthalenyl)ethanone, Cedrol methyl ether). 9 III UN3082

IMDG (Sea)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8 tetramethyl-2-naphthalenyl)ethanone, Cedrol methyl ether). 9 III UN3082

15. Regulatory Information

Essential Oil Components:

Name	CAS	%
ORANGE OIL FLORIDA	8028-48-6	0.1-<1%
CEDARWOOD OIL VIRGINIA	8000-27-9	0.1-<1%

Name	CAS	%
Ethyl vanillin	121-32-4	1-<5%
Vanillin	121-33-5	0.1-<1%

Components listed on California's SB312

Name	CAS	%
DIOCTYL ADIPATE (S) "DOA"	103-23-1	20-<50%
HEXYL CINNAMIC ALDEHYDE (R)	101-86-0	5-<10%
LINALOOL	78-70-6	1-<5%

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COUMARIN (C)	91-64-5	1-<5%
METHYL IONONE GAMMA	127-51-5	<0.1%
BENZYL ALCOHOL (S)	100-51-6	<0.1%

16. Other Information

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

- | | |
|---|--|
| H226 : Flammable liquid and vapor | H227 : Combustible liquid |
| H301 : Toxic if swallowed | H302 : Harmful if swallowed |
| H304 : May be fatal if swallowed and enters airways | H316 : Causes mild skin irritation |
| H317 : May cause an allergic skin reaction | 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 |

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.