

Product: Cabernet

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: Cabernet

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 Liquids, Category 4	H227 : Combustible liquid
Skin Corrosion/Irritation, Category 3	H316 : Causes mild skin irritation
Sensitization, Skin, Category 1A	H317 : May cause an allergic skin reaction
Aquatic Chronic Toxicity, Category 2	H411 : Toxic to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammable Liquids, Category 4	H227 : Combustible liquid Skin
Corrosion/Irritation, Category 3	H316 : Causes mild skin irritation
Sensitization, Skin, Category 1A	H317 : May cause an allergic skin reaction

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: **Cabernet****Signal Word: Warning****Hazard statements**

H227	Combustible liquid
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H411	Toxic to aquatic life with long lasting effects

Precautionary Statements**Prevention:**

P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P261	Avoid breathing vapour or dust.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection

Response:

P302 + P352	IF ON SKIN: Wash with soap and water
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 (CO ₂), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material
P391	Collect spillage.
P403 + 235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations

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
alpha-Hexylcinnamaldehyde	101-86-0	5-<10%	H303-H316-H317-H400-H411
d-Limonene	5989-27-5	5-<10%	H226-H304-H315- H317-H400-H412
Benzyl benzoate	120-51-4	1-<5%	H302-H313-H400-H411
GALAXOLIDE 50 BB	Solution	1-<5%	H303-H316
beta-Ionone	14901-07-6	1-<5%	H316- H411
4-tert-Butylcyclohexyl acetate	32210-23-4	1-<5%	H303- H317-H401

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2-tert-Butylcyclohexyl acetate	88-41-5	1-<5%	H227-H303-H316-H411
Tricyclodecanyl acetate	5413-60-5	1-<5%	H303-H316- H402
Benzaldehyde	100-52-7	1-<5%	H227-H302-H313-H316-H319-H332-H335-H401
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma- 2-benzopyran	1222-05-5	1-<5%	H316- H410
Dihydromyrcenol	18479-58-8	1-<5%	H227-H303-H315-H319-H402
Benzyl acetate	140-11-4	1-<5%	H303- H401-H412
Ethyl methylphenylglycidate	77-83-8	1-<5%	H317-H411
gamma-Undecalactone	104-67-6	1-<5%	H316- H412
1,1-Dimethyl-2-phenylethyl acetate	151-05-3	1-<5%	H303-H402
gamma-Nonalactone	104-61-0	1-<5%	H316
alpha,alpha-Dimethylphenethyl butyrate	10094-34-5	1-<5%	H411
Ethyl butyrate	105-54-4	1-<5%	H226-H319
2-Methyl-3-(p-isopropylphenyl) propionaldehyde	103-95-7	0.1-<1%	H227-H303-H315- H317-H401-H412
Ethyl isovalerate	108-64-5	0.1-<1%	H226-H315- H401
Allyl heptanoate	142-19-8	0.1-<1%	H227-H301-H311-H400-H412
p-Anisyl acetate	104-21-2	0.1-<1%	H317-H402
Linalool	78-70-6	0.1-<1%	H227-H303-H315-H317- H319-H402
Linalyl acetate	115-95-7	0.1-<1%	H227-H315-H317-H320-H402
3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde	31906-04-4	0.1-<1%	H317-H402
Allyl hexanoate	123-68-2	0.1-<1%	H227-H301-H311- H331-H400-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
alpha-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one	43052-87-5	0.1-<1%	H302-H313-H317-H411
1-(2,6,6-Trimethylcyclohexa-1,3-dienyl)-2-buten-1-one	23696-85-7	0.1-<1%	H313-H315-H317-H411
beta-1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-2-buten-1-one	35044-68-9	0.1-<1%	H303-H315-H317-H411
Hexyl salicylate	6259-76-3	0.1-<1%	H316-H317-H410
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone	33704-61-9	0.1-<1%	H303-H315-H317- H319-H411
Allyl (3-methylbutoxy)acetate	67634-00-8	0.1-<1%	H227-H302-H315-H330-H401

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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:	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 mild skin irritation. May cause an allergic skin reaction
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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

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

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as

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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: Not Applicable

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: Colorless - 1 Very Pale Yellow

Viscosity: Liquid

Freezing Point: Not determined

Boiling Point: Not determined

Melting Point: Not determined

Flashpoint (CCCFP): 77 °C

Auto flammability: Not determined

Explosive Properties: None Expected

Oxidizing properties: None Expected

Vapor Pressure (mmHg@20 C): 0.4257

%VOC: 1

Specific Gravity @ 25 C: Not determined

Density (g/mL) @ 25 C: 0.9380 - 0.9480

Refractive Index @ 20 C: 1.4656 - 1.4756

Soluble in: Oil

Product: Cabernet

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	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	>5000
Acute toxicity - Inhalation - (Rat) mg/L/4hr	Not available
Skin corrosion / irritation	Skin Corrosion / Irritation Category 3
Serious eye damage / irritation	Not classified - the classification criteria are not met
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	Not classified - the classification criteria are not met
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

Information about hazardous ingredients in the mixture

Ingredient	CAS	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
1,1-Dimethyl-2-phenylethyl acetate	151-05-3	3300	Not available	Not available	Not available
2-tert-Butylcyclohexyl acetate	88-41-5	4600	Not available	Not available	Not available
4-tert-Butylcyclohexyl acetate	32210-23-4	3370	Not available	Not available	Not available
Allyl (3-methylbutoxy) acetate	67634-00-8	500	Not available	0.46	Dust/mist mg/l
Allyl heptanoate	142-19-8	218	810	Not available	Not available
Allyl hexanoate	123-68-2	300	300	3	Not available

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Benzaldehyde	100-52-7	1430	2500	11	Not available
Benzyl acetate	140-11-4	2490	Not available	Not available	Not available
Benzyl benzoate	120-51-4	1500	4000	Not available	Not available
Dihydromyrcenol	18479-58-8	3600	Not available	Not available	Not available
Tricyclodecanyl acetate	5413-60-5	3050	Not available	Not available	Not available
alpha-Hexylcinnamaldehyde	101-86-0	3100	Not available	Not available	Not available

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity

no data available

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

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 :

(1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8- hexamethylcyclopenta-gamma-2- benzopyran, alpha- Hexylcinnamaldehyde)

ADR/RID (International Road/Rail)

ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S.

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III

UN3082

IATA (Air Cargo)

ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S

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III

UN3082

IMDG (Sea)

ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S.

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III

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15. Regulatory Information

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%
D-LIMONENE	5989-27-5	5-<10%
BENZYL BENZOATE	120-51-4	1-<5%
LINALOOL	78-70-6	0.1-<1%
LYRAL	31906-04-4	0.1-<1%

16. Other Information**GHS H-Statements referred to under section 3 and not listed in section 2**

H226 : Flammable liquid and vapour

H227 : Combustible liquid

H301 : Toxic if swallowed

H302 : Harmful if swallowed

H304 : May be fatal if swallowed and enters airways

H315 : Causes skin irritation

H317 : May cause an allergic skin reaction

H318 : Causes serious eye damage

H320 : Causes eye irritation

H400 : Very Toxic to aquatic life

H401 : Toxic to aquatic life

H402 : Harmful to aquatic life

H411 : Toxic to aquatic life with long lasting effects

H412 : Harmful to aquatic life with long lasting effects

Concentration % Limits:SCI 3=7.43% SS 1=15.63% EH A2=11.35% EH A3=1.13% EH C2=56.48%
EH C3=5.53% EH C4=76.34%**Total Fractional Values:**SCI 3=13.47 SS 1=6.40 EH A2=8.81 EH A3=88.39 EH C2=1.77 EH
C3=18.08 EH C4=1.31

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.