

Product: Creme Brulee

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: Creme Brulee

**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
Sensitization, Skin, Category 1B	H317 : May cause an allergic skin reaction
Eye Damage / Irritation Category 2	H319 : Causes serious eye irritation
Aquatic Acute, Category 1	H400 : Very toxic to aquatic life
Aquatic Chronic Toxicity, Category 2	H411 : Toxic to aquatic life with long lasting effects.

**Classification OSHA (Provisions 1910.1200 of title 29)**

Sensitization, Skin, Category 1B	H317 : May cause an allergic skin reaction
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**Classification Other**

Carcinogenicity

This mixture does not contain 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: **Creme Brulee****Signal Word: Warning****Hazard statements**

H303	May be harmful if swallowed
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

**Precautionary Statements****Prevention:**

P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
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 + 352,	IF ON SKIN: Wash with plenty of soap and water.
P305 + 351 + 338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P333 + 313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + 313	If eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
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
Benzyl benzoate	120-51-4	20-<50%	H302-H313-H400-H411
Ethyl vanillin	121-32-4	10-<20%	H303-H320- H402
Vanillin	121-33-5	5-<10%	H303-H319- H402
Piperonal	120-57-0	1-<5%	H303- H317-H401

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Ethyl maltol	4940-11-8	1-<5%	H302-H401
p-Methoxybenzaldehyde	123-11-5	1-<5%	H303- H412
Octahydrocoumarin	4430-31-3	0.1-<1%	H303-H313-H318-H402
alpha-Methylcinnamaldehyde	101-39-3	0.1-<1%	H303- H317-H401
Cinnamaldehyde	104-55-2	0.1-<1%	H303- H312-H315-H317-H319-H401-H412

## 4. First Aid Measures

### 4.1 Description of first aid measures

<b>Inhalation:</b>	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
<b>Eye Exposure:</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Skin Exposure:</b>	IF ON SKIN: Wash with plenty of soap and water.
<b>Ingestion:</b>	Rinse mouth with water and obtain medical attention.

### 4.2 Most important symptoms and effects, both acute and delayed

<b>Symptoms:</b>	May be harmful if swallowed May cause an allergic skin reaction Causes serious eye irritation
<b>Risks:</b>	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

<b>Suitable:</b>	Carbon dioxide, 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>	Carbon monoxide, Unidentified organic compounds
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### 5.3 Advice for firefighters

<b>Further information:</b>	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. 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.

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**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:** 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**

<b>Appearance:</b>	Liquid
<b>Odor:</b>	Characteristic
<b>Color:</b>	1 Very Pale Yellow - 3 Very Pale Yellow
<b>Viscosity:</b>	Liquid
<b>Freezing Point:</b>	Not determined
<b>Boiling Point:</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Flashpoint (CCCFP):</b>	> 93 °C
<b>Auto flammability:</b>	Not determined

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<b>Explosive Properties:</b>	None Expected
<b>Oxidizing properties:</b>	None Expected
<b>Vapor Pressure (mmHg@20 C):</b>	Not determined
<b>%VOC:</b>	0
<b>Specific Gravity @ 25 C:</b>	Not determined
<b>Density (g/mL) @ 25 C:</b>	1.0590 - 1.0690
<b>Refractive Index @ 20 C:</b>	1.5210 - 1.5310
<b>Soluble in:</b>	Oil

**10. Stability and Reactivity**

<b>10.1 Reactivity</b>	Presents no significant reactivity hazard, by itself or in contact with water.
<b>10.2 Chemical stability</b>	Stable
<b>10.3 Possibility of hazardous reactions</b>	None known
<b>10.4 Conditions to avoid</b>	Avoid extreme heat.
<b>10.5 Incompatible materials</b>	Avoid contact with strong acids, alkalis or oxidising agents.
<b>10.6 Hazardous decomposition products</b>	Not expected.

**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 - (Rat) mg/kg</b>	2983
<b>Acute toxicity - Dermal - (Rabbit) mg/kg</b>	>5000
<b>Acute toxicity - Inhalation - (Rat) mg/L/4hr</b>	Not Applicable
<b>Skin corrosion / irritation</b>	Skin Corrosion / Irritation Category 2
<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>	Sensitization - Skin Category 1
<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

**Information about hazardous ingredients in the mixture**

Ingredient	CAS	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Benzyl benzoate	120-51-4	1500	4000	Not available	Not available

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Ethyl maltol	4940-11-8	1200	Not available	Not available	Not available
Ethyl vanillin	121-32-4	3000	Not available	Not available	Not available
Piperonal	120-57-0	2700	Not available	Not available	Not available
Vanillin	121-33-5	3500	Not available	Not available	Not available
p-Methoxybenzaldehyde	123-11-5	3210	Not available	Not available	Not available

**12. Ecological Information**

**12.1 Toxicity**

**Acute aquatic toxicity** Very toxic to aquatic life  
**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

**13. Disposal Conditions**

**12.5 Other adverse effects** no data available

**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 :  
 (Benzyl benzoate)

**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

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**15. Regulatory Information**

Additional formulation properties

Name	CAS	%
Ethyl vanillin	121-32-4	10-<20%
Vanillin	121-33-5	5-<10%

Components listed on California's SB312

Name	CAS	%
BENZYL BENZOATE	120-51-4	20-<50%
DIOCTYL ADIPATE ( S ) "DOA"	103-23-1	20-<50%
CINNAMIC ALDEHYDE	104-55-2	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

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

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:**

EDI 2A=36.58% EDI 2B=72.99% SS 1=26.60% EH A1=70.92% EH A2=6.98% EH A3=0.69353129% EH C2=70.92% EH C3=7.06% EH C4=67.84%

**Total Fractional Values:**

EDI 2A=2.73 EDI 2B=1.37 SS 1=3.76 EH A1=1.41 EH A2=14.33 EH A3=144.19 EH C2=1.41 EH C3=14.16 EH C4=1.47

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.