

# Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 41562.376592.480256

Product: **Caramel**  
Product#: **132543**  
SKU#: **cara**

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

### 1.1 Product identifier

**Trade Name:** Caramel

**Product/Sales No:** 132543

### 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

Wellington Fragrance  
33306 Glendale St.  
Livonia, MI 48150 USA  
734-261-5531 FAX 734-261-5571  
www.wellingtonfragrance.com

### 1.4 Emergency telephone number

**(800) 255-3924** Domestic USA, Canada, Puerto Rico, and US Virgin Islands

**+1 813 248-0585** International (CHEMTEL #MIS 0000533)

## 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

Aquatic Acute Toxicity, Category 2	:
Acute Toxicity Dermal, Category 5	H313: May be harmful in contact with skin
Skin Corrosion/Irritation, Category 3	H316: Causes mild skin irritation
Eye Damage/Eye Irritation, Category 2A	H319: Causes serious eye irritation
Acute Toxicity Inhalation, Category 3	H331: Toxic if inhaled
Aquatic Chronic Toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects

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

Flammability	Class IIIB Combustible Liquid
Acute Dermal/Eye	11 : May cause skin irritation.
Acute Oral	2 : Harmful if swallowed
Genotoxicity	36 : Suspected of causing genetic defects
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver, heart. 28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin
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 (REGULATION (EC) No 1272/2008)**

**Hazard pictograms**

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**Signal Word: Danger, Warning**

## Hazard statements

H313 May be harmful in contact with skin  
H316 Causes mild skin irritation  
H319 Causes serious eye irritation  
H331 Toxic if inhaled  
H412 Harmful to aquatic life with long lasting effects

## Precautionary Statements

### Prevention:

P233 Keep container tightly closed  
P264 Wash hands thoroughly after handling  
P271 Use only outdoors or in a well-ventilated area  
P273 Avoid release to the environment

### Response:

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing  
P311 Call a POISON CENTER or doctor/physician  
P332 + P313 If skin irritation occurs: Get medical advice/attention  
P337 + P313 If eye irritation persists: Get medical advice/attention

## 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	OSHA Classification
84-66-2 <i>Diethyl phthalate</i>	201-550-6	> 80 %	H316	
121-33-5 <i>Vanillin</i>	204-465-2	5 - 10 %	H303; H319	31
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	2 - 5 %	H302; H313; H411	28, 3
121-32-4 <i>Ethyl vanillin</i>	204-464-7	1 - 2 %	H303; H320	

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CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
118-71-8 <i>Maltol</i>	204-271-8	1 - 2 %	H303; H316	26, 36
8007-00-9 <i>Myroxylon pereirae (Balsam Peru) oils &amp; resins</i>	232-352-8	1 - 2 %	H303; H316; H411	11, 2

See Section 16 for full text of GHS classification codes  
Total Hydrocarbon Content (% w/w) = 0.29

## 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

<b>Further information:</b>	Standard procedure for chemical fires
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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

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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:

Component	ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
84-66-2 <i>Diethyl phthalate</i>			5	

**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>	Conforms to Standard
<b>Odor:</b>	Conforms to Standard
<b>Color:</b>	Yellow to Pale Orange
<b>Viscosity:</b>	Liquid
<b>Freezing Point:</b>	Not determined
<b>Boiling Point:</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Flashpoint:</b>	>200 F (93.33 C)
<b>Auto flammability:</b>	Not determined
<b>Explosive Properties:</b>	None Expected

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<b>Oxidizing properties:</b>	None Expected
<b>Vapor Pressure (mmHg@20 C):</b>	0.142
<b>%VOC:</b>	0.5494
<b>Specific Gravity @ 25 C:</b>	1.1270
<b>Density @ 25 C:</b>	1.1240
<b>Refractive Index @ 25 C:</b>	1.5110
<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

<b>Acute toxicity - Oral</b>	(LD50: 6,450.11) Not classified - the classification criteria are not met
<b>Acute toxicity - Dermal</b>	(LD50: 4,994.27) May be harmful in contact with skin
<b>Acute toxicity - Inhalation</b>	(LC50: 5.30) Toxic if inhaled
<b>Skin corrosion / irritation</b>	Causes mild skin irritation
<b>Serious eye damage / irritation</b>	Causes serious eye irritation
<b>Respiratory sensitization</b>	Not classified - the classification criteria are not met
<b>Skin sensitization</b>	Not classified - the classification criteria are not met
<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

## 12. Ecological Information

### 12.1 Toxicity

<b>Acute aquatic toxicity</b>	
<b>Chronic aquatic toxicity</b>	Harmful to aquatic life with long lasting effects
<b>Toxicity Data on soil</b>	no data available

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<b>Toxicity on other organisms</b>	no data available
<b>12.2 Persistence and degradability</b>	no data available
<b>12.3 Bioaccumulative potential</b>	no data available
<b>12.4 Mobility in soil</b>	no data available
<b>12.5 Other adverse effects</b>	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.
<b>U.S. DOT (Non-Bulk)</b> Chemicals NOI	Not Regulated - Not Dangerous Goods			
<b>ADR/RID (International Road/Rail)</b> Chemicals NOI	Not Regulated - Not Dangerous Goods			
<b>IATA (Air Cargo)</b> Chemicals NOI	Not Regulated - Not Dangerous Goods			
<b>IMDG (Sea)</b> Chemicals NOI	Not Regulated - Not Dangerous Goods			

## 15. Regulatory Information

### U.S. Federal Regulations:

<b>TSCA (Toxic Substance Control Act):</b>	All components of the substance/mixture are listed or exempt
<b>40 CFR(EPCRA, SARA, CERCLA and CAA)</b> 84-66-2      201-550-6      > 80 %	This product contains the following components: Diethyl phthalate

### U.S. State Regulations:

<b>California Proposition 65 Warning</b>	This product contains the following components:
94-59-7      202-345-4      <= 15 ppm	Safrole (NFS)
93-15-2      202-223-0      <= 4 ppm	Methyl eugenol (NFS)

### Canadian Regulations:

<b>DSL / NDSL</b>	100.00% of the components are listed or exempt.
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## 16. Other Information

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

H302 : Harmful if swallowed  
H313 : May be harmful in contact with skin  
H319 : Causes serious eye irritation  
H411 : Toxic to aquatic life with long lasting effects

H303 : May be harmful if swallowed  
H316 : Causes mild skin irritation  
H320 : Causes eye irritation

### Total Fractional Values

(TFV) Risk  
(1.39) Aquatic Acute Toxicity, Category 2  
(1.25) Eye Damage/Eye Irritation, Category 2A

(TFV) Risk  
(8.84) Skin Corrosion/Irritation, Category 3  
(2.89) Aquatic Chronic Toxicity, Category 3

**Department issuing data sheet:**

**Department E-mail address:**

Remarks

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