

# Safety Data Sheet

Revision Date: 19/06/2020

## **SECTION 1: Identification of the mixture and of the company**

### **1.1. Product Identifier**

Trade code: FL0022F

Trade name: SALTED CARAMEL

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

Concentrated fragrance for manufacturing purposes only.  
Not for personal use in this form or concentration.

### **1.3. Details of the supplier of the safety data sheet**

Fragrance Liaison Ltd  
The Greyhound Barn, Midhurst  
West Sussex, GU29 9QH  
07864 561892  
info@fragrance-liaison.com

### **1.4. Emergency telephone number**

07864 561892

## **SECTION 2: Hazards Identification**

### **2.1. Classification of the substance or mixture**

#### **Classification of the substance or mixture according to EC 1272/2008**

Eye Irritation, category 2	H319	Causes serious eye irritation.
Hazardous to the aquatic environment, Chronic, category 3	H412	Harmful to aquatic life with long lasting effects.
	EUH208	Contains 2-Hydroxy-3-methylcyclopent-2-en-1-one, may produce an allergic reaction.

### **2.2. Label elements**

#### **Label elements according to EC 1272/2008**

Signal Word: Warning

Pictograms:



#### **Hazard Statements:**

H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains 2-Hydroxy-3-methylcyclopent-2-en-1-one, may produce an allergic reaction.

#### **Precautionary Statements:**

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P273	Avoid release to the environment.

#### **Hazardous components which must be listed on the label:**

None

**2.3. Other hazards**

None reasonably foreseeable

**SECTION 3: Composition/information on ingredients****Description of the mixture:**

A multi-component mixture of natural and/or synthetic aroma materials.

<b>Conc. %w/w</b>	<b>Description</b>	<b>CAS</b>	<b>EINECS</b>	<b>Classification EC 1907/2006</b>
2.5-10	3-Ethoxy-4-hydroxybenzaldehyde	121-32-4	204-464-7	H319
2.5-10	4-Hydroxy-3-methoxybenzaldehyde	121-33-5	204-465-2	H319
2.5-10	2-Hydroxy-4-Methoxybenzophenone	131-57-7	205-031-5	H400, H411
< 1.0	3-Hydroxybutan-2-one	513-86-0	208-174-1	H226, H373
< 1.0	Ethyl butyrate	105-54-4	203-306-4	H226
< 1.0	1-(4-Methylphenyl)ethanone	122-00-9	204-514-8	H302, H315
< 1.0	2-Hydroxy-3-methylcyclopent-2-en-1-one	80-71-7	201-303-2	H317, H318
< 1.0	Benzoic acid	65-85-0	200-618-2	H315, H318, H372
<0.1	2-(4-Methyl-1,3-thiazol-5-yl)ethanol	137-00-8	205-272-6	H315, H319, H335

**SECTION 4: First aid measures****4.1. Description of first aid measures****Contact with skin:**

Remove all contaminated clothing.  
Wash with plenty of water and soap.

**Contact with eyes:**

Flush immediately with water for at least 10 minutes.  
Contact physician if symptoms persist.

**Swallowing:**

Rinse mouth with water.  
In severe cases seek medical attention and show the safety data sheet.

**Inhalation:**

No damage to health is expected.

**4.2. Most important symptoms and effects, both acute and delayed**

See Section 2.1

**4.3. Indication of any immediate medical attention and special treatment needed**

See Section 4.1

**SECTION 5: Firefighting Measures****5.1. Extinguishing media****Recommended extinguishers:**

Carbon dioxide, foam or powder-fire extinguisher.

**Extinguishers not to be used:**

DO NOT USE WATER EXTINGUISHERS.

**5.2. Special hazards arising from the substance or mixture****Risks arising from combustion:**

Avoid inhaling the fumes.

**5.3. Advice for firefighters****Protective Equipment:**

Use protection for the respiratory tract.

**Additional Information:**

Contaminated fire extinguishing water must be collected separately; it must not enter sewerage system.

## **SECTION 6: Accidental Release Measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid inhalation and contact with skin and eyes.  
Use personal protective equipment.

### **6.2. Environmental hazards**

Inform fire brigade of large spillages.  
Keep away from drains, surface and ground water, and soil.  
Spillages should be contained immediately by use of sand or inert powder and disposed of according to local regulations.

### **6.3. Methods and material for containment and cleaning up**

Rapidly recover the product. To do so, wear a mask and protective clothing. If possible, collect product for re-use or disposal. Do not allow the material to enter drainage systems.

### **6.4. Reference to other sections**

See section 8

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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Apply good manufacturing and industrial hygiene practices and adequate ventilation.  
Do not eat, drink or smoke while handling.  
Respect good personal hygiene.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Storage Conditions:**

Store in well filled and tightly closed original containers, and protect from heat and light.  
Avoid certain plastic and uncoated metal containers.

#### **Instructions as regards storage premises:**

Store in a cool, dry and ventilated area. Keep away from sources of ignition and naked flames.

#### **Incompatible Materials:**

None known that present a hazard.

### **7.3. Specific end use(s)**

Perfumed product for professional or consumer use

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## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Materials with occupational exposure standards:**

None

### **8.2. Exposure controls**

#### **Precautionary Measures:**

Give adequate ventilation to the premises where the product is stored and/or handled.

#### **Protection for respiratory tract:**

Not needed for normal use.

#### **Protection for hands:**

Avoid contact. Use chemically resistant gloves as needed, e.g. butyl rubber or nitrile rubber protective index 6

#### **Protection for eyes:**

Avoid contact. Wear safety glasses

#### **Protection for skin:**

Avoid contact. Use suitable protective clothing as needed.

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## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Clear almost colourless liquid
<b>Odour</b>	Characteristic
<b>pH</b>	Non aqueous mixture, not determined
<b>Melting Point</b>	Not applicable

Initial boiling point and boiling point range	Not applicable
Flash Point (°C)	>100
Evaporation Rate	Not determined
Vapour Pressure	Not determined
Vapour Density	Not determined
Relative Density	0.97
Solubility in Water	No
Partition Co-efficient : n-octanol /water	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not applicable
Oxidising properties	Not applicable

## 9.2. Other information

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## **SECTION 10: Stability and Reactivity**

### **10.1. Reactivity**

Substances to avoid: None in particular.

### **10.2. Chemical stability**

Stable under normal conditions

### **10.3. Possibility of hazardous reactions**

None known

### **10.4. Conditions to avoid**

Stable under normal conditions.

### **10.5. Incompatible materials**

None expected

### **10.6. Hazardous decomposition products**

Carbon monoxide and unidentified organic compounds may be formed during combustion.

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## **SECTION 11: Toxicological Information**

This preparation has not been subject to toxicological testing as an entity; therefore no specific LD50/LC50 values have been determined. The toxicological information available relating to the ingredients and their concentrations enables the evaluation of this preparation.

For further information see sections 2, 15 & 16.

### **11.1. Information on toxicological effects**

ATE Dermal: >5000

ATE Oral: >5000

ATE Vapour: >20

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## **SECTION 12: Ecological Information**

### **12.1. Ecotoxicity**

Avoid contaminating the earth as well as surface and ground water. This preparation has not been subject to ecological testing as an entity; therefore no specific data has been generated. The ecological information available relating to the ingredients and their concentrations enables the evaluation of this preparation.

For further information see sections 2, 15 & 16.

### **12.2. Persistence and degradability**

Not determined

### **12.3. Bioaccumulative potential**

Not determined

### **12.4. Mobility in soil**

Not determined

### **12.5. Results of PBT and vPvB assessment**

None present

## 12.6. Other adverse effects

None known

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## **SECTION 13: Disposal Considerations**

### 13.1. Waste treatment methods

The product should be disposed of in accordance to local regulations.  
Avoid disposing into drainage systems and into the environment.  
The soiled packaging should be disposed of in the same way as the product.

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## **SECTION 14: Transport Information**

ADR-UN Number	Not classified for transport
ADR-Class	Not classified for transport
ADR-Shipping Name	Not classified for transport
ADR-Packing Group	Not classified for transport
ADR-Tunnel Code	Not classified for transport
IATA-UN Number	Not classified for transport
IATA-Class	Not classified for transport
IATA-Shipping Name	Not classified for transport
IATA-Label	None
IATA-Packing Group	Not classified for transport
IATA-S.P.	None
IATA-ERG	None
IMDG-Marine Pollutant	No
IMDG-UN Number	Not classified for transport
IMDG-Class	Not classified for transport
IMDG-Shipping Name	Not classified for transport
IMDG-Packing group	Not classified for transport
IMDG-Storage Category	Not classified for transport

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## **SECTION 15: Regulatory information**

### 15.1. General Information

For classification and labelling information see section 2. The classification of this mixture is in accordance with EC 1272/2008 as amended

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out for this mixture

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## **SECTION 16: Other Information**

**16.1. Classification Contribution Values**

H304:	0.000	H305:	0.000				
H314-1A:	0.000	H314-1B:	0.000	H314-1C:	0.000		
H315:	0.000	H316:	0.000				
H317:	0.400	H317-1A:	0.000	H317-1B:	0.000		
H318:	0.000	H319:	1.500				
H334-1A:	0.000	H334-1B:	0.000				
H335:	0.000	H336:	0.000				
H340-1A:	0.000	H340-1B:	0.000	H341:	0.000		
H350-1A:	0.000	H350-1B:	0.000	H351:	0.000		
H360-1A:	0.000	H360-1B:	0.000	H361:	0.000	H362:	0.000
H370:	0.000	H371:	0.000	H372:	0.000	H373:	0.000
H400:	0.200	H410:	0.000	H411:	0.200	H412:	2.000
H413:	0.200	H420:	0.000				

**16.2. Full list of Hazard and Precautionary phrases**

H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains 2-Hydroxy-3-methylcyclopent-2-en-1-one, may produce an allergic reaction.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P273	Avoid release to the environment.

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The information in this data sheet is to the best of our knowledge true and accurate, but all data, instructions and/or suggestions are made without guarantee. These statements are solely for the above-mentioned product and should help to take adequate safety precautions. This "Safety Data Sheet" replaces all previous ones.

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**Revision Date:** 19/03/2020

## IFRA Analysis (QRA2)

**Fragrance Name:** SALTED CARAMEL  
**Fragrance Code:** FL0022F  
**Application:** All perfumery applications

The above fragrance has been assessed according to the 49th amendment of the IFRA code of practice, and the concentration levels listed below (% w/w) indicate the maximum dosages allowed in each IFRA category.

Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children's toys	Category 1	Contains non-flavour materials
Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne and body spray, etc.)	Category 2	Not restricted
Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care Facial make-up and foundation Make-up remover for face, eyes and lips Nose pore strips Wipes or refreshing tissues for face, neck, hands, body Body paint (for children and adults) Facial masks for face, lips and around the eyes	Category 3	Not restricted
Fine fragrance of all types (eau de toilette, parfum, cologne, solid perfume, fragrancing cream, etc.) Fragranced bracelets Perfume kit fragrance ingredients / mixtures Scent pads, foil packs Scent strips for hydroalcoholic products	Category 4	Not restricted
Body creams, oils and lotions of all types Foot care products (creams & powders) Insect repellent (intended to be applied to the skin) All powders and talcs (excluding baby powders and talcs)	Category 5A	Not restricted
Face toner Moisturiser for face and eyes	Category 5B	Not restricted
Hand cream Nail care products including cuticle creams, etc. Hand sanitisers	Category 5C	Not restricted
Baby cream / lotion, baby oil, baby powders and talcs	Category 5D	34.35442%
Toothpaste Mouthwash, including breath sprays	Category 6	Contains non-flavour materials
Rinse-off hair permanent or other hair chemical treatments (e.g. relaxers), excluding hair dyes	Category 7A	Not restricted
Leave-on products applied to the hair with some hand contact, including: Hair sprays of all types (pumps, aerosol sprays, etc.) Hair styling aids (mousse, gels, leave-in conditioners) Leave-on hair permanent or other hair chemical treatments (e.g. relaxers), including hair dyes Dry shampoo or waterless shampoo Hair deodoriser	Category 7B	Not restricted
Intimate wipes Tampons Baby wipes Toilet paper (wet)	Category 8	34.35442%

Bar soap Shampoo of all type Cleanser for face, eyes and lips Conditioner (rinse-off) Liquid soap Body washes and shower gels of all types Baby wash, bath, shampoo Bath gels, foams, mousses, salts, oils and other products added to bathwater Foot care products (feet are placed in a bath for soaking) Shaving creams of all types (stick, gels, foams, etc.) All depilatories (including facial) and waxes for mechanical hair removal Shampoos for pets	Category 9	Not restricted
Hand wash laundry detergent (including concentrates) Laundry pre-treatment of all types (e.g. paste, sprays, sticks) Hand dishwashing detergent (including concentrates) Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.) Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates Dry cleaning kits Toilet seat wipes Fabric softeners of all types including fabric softener sheets Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorisers for textiles or fabrics) Floor wax Fragranced oil for lamp ring, reed diffusers, pot-pourri, etc. Odored distilled water (that can be added to steam irons)	Category 10A	Not restricted
Sprays (of all types) applied to animals Air freshener sprays, including aerosol and pump Aerosol/spray insecticides	Category 10B	Not restricted
Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure, including: Feminine hygiene conventional pads, liners, interlabial pads Diapers (baby and adult) Adult incontinence pant, pad Toilet paper (dry)	Category 11A	34.35442%
Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure, including: Tights with moisturisers Scented socks, gloves Facial tissues (dry tissues) Napkins Paper towels Wheat bags Facial masks (paper/protective) e.g. surgical masks not used as medical device Solid fertilisers (pellet or powder)	Category 11B	34.35442%



Products not intended for direct skin contact, minimal or insignificant transfer to skin, including:	Category 12	Not restricted
Candles of all types (including encased)		
Machine laundry detergents with minimal skin contact (e.g. liquid tabs, pods)		
Air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills, air freshening crystals)		
Air delivery systems		
Cat litter		
Cell phone cases		
Deodorisers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders)		
Fuels		
Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays		
Joss sticks or incense sticks		
Machine dishwasher detergent and deodorisers		
Paints		
Plastic articles (excluding toys)		
Scratch and sniff		
Scent pack		
Scent delivery system (using dry air technology)		
Shoe polishes		
Toilet blocks		

This fragrance contains the following materials that have been identified for having the potential of forming nitrosamines in nitrosating systems:

None

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are issued by the IFRA Scientific Committee. Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice. It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance), by further testing if needs be.

This IFRA analysis covers all IFRA categories, and Fragrance Liaison Ltd cannot take responsibility for the effects of future updates to the IFRA CoP as we will be unable to determine continued compliance since specific in use application and dosage information are not known.

Furthermore this document is a safety assessment and does not imply stability or compatibility of the fragrance compound in all of the applications mentioned.

## Allergen Analysis

INFORMATION SUPPLIED IN LINE WITH THE COSMETIC PRODUCTS REGULATION (EC) 1223/2009 AND DETERGENTS REGULATION (EC) 648/2004

Fragrance Name: SALTED CARAMEL

Fragrance Code: FL0022F

Perfume Ingredient given as listed in legislation (Common Name)	Cas Number	% Concentration Present (w/w)		
		Added as such	From natural & other sources	Total
Amyl cinnamal	122-40-7	Absent	Absent	Absent
Amylcinnamyl alcohol	101-85-9	Absent	Absent	Absent
Anise alcohol	105-13-5	Absent	Trace	Trace
Benzyl alcohol	100-51-6	Absent	Absent	Absent
Benzyl benzoate	120-51-4	Absent	Absent	Absent
Benzyl cinnamate	103-41-3	Absent	Absent	Absent
Benzyl salicylate	118-58-1	Absent	Absent	Absent
Cinnamal	104-55-2	Absent	Absent	Absent
Cinnamyl alcohol	104-54-1	Absent	Absent	Absent
Citral	5392-40-5	Absent	Absent	Absent
Citronellol	106-22-9	Absent	Absent	Absent
Coumarin	91-64-5	Absent	Absent	Absent
Eugenol	97-53-0	Absent	Absent	Absent
Farnesol	4602-84-0	Absent	Absent	Absent
Geraniol	106-24-1	Absent	Absent	Absent
Hexyl cinnamal	101-86-0	Absent	Absent	Absent
Hydroxycitronellal	107-75-5	Absent	Absent	Absent
Isoeugenol	97-54-1	Absent	Absent	Absent
Butylphenyl methylpropional	80-54-6	Absent	Absent	Absent
Limonene	5989-27-5	Absent	Absent	Absent
Linalool	78-70-6	Absent	Absent	Absent
Hydroxyisohexyl 3-cyclohexene carboxaldehyde	31906-04-4	Absent	Absent	Absent
Methyl 2-octynoate	111-12-6	Absent	Absent	Absent
alpha-Isomethyl ionone	127-51-5	Absent	Absent	Absent
Evernia prunastri extract	90028-68-5	Absent	Absent	Absent
Evernia furfuracea extract	90028-67-4	Absent	Absent	Absent

This information is generated by calculation and is given to the best of our knowledge based upon the formulation and information on its components received from our ingredient suppliers and therefore may be subject to change.

"Trace" reflects the presence of a component at a level of <0.0001% in the fragrance oil.

Evaluated on: 01 July 2020