

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** CARMELISED PECANS A428438

**Version:** 3

### Section 1. Identification of the substance or the mixture and of the supplier

#### 1.1 Product Identifier

**Product identifier:** CARMELISED PECANS A428438

**Other identifiers:** None

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

**Product uses:** For manufacturing purposes only.

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

**Company name:** Fragrance Oil Studio

**Company address:** Unit 1 Halifax Court,  
Dunston  
NE11 9JT

**Contact:** Regulatory Affairs

**E-Mail address:** Fragranceoilstudio@outlook.com

**Company phone:** +447491963599

#### 1.4 Emergency telephone number

**Emergency phone:** +447491963599

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### **Classification under Regulation (EC) No 1272/2008**

**Class and category of danger:** Hazardous to the Aquatic Environment - Long-term Hazard Category 3  
H412, Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

**Signal word:** None

**Hazard statements:** H412, Harmful to aquatic life with long lasting effects.

**Supplemental Information:** EUH208, Contains Cinnamal, Coumarin. May produce an allergic reaction.

**Precautionary statements:** P273, Avoid release to the environment.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:** None

**Other hazards:** None

**SAFETY DATA SHEET**

In accordance with REACH Regulation EC No.1907/2006

**Product:** CAMELISED PECANS A428438**Version:** 3**Section 3. Composition / information on ingredients****3.2 Mixtures****Contains:**

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Benzyl Benzoate	120-51-4	204-402-9	01-2119976371-33	5-<10%	ATO 4-AT1 4-EH A1-EH C2;H302-H332-H400-H411,-
2-ethyl-3-hydroxy-4-pyrone	4940-11-8	225-582-5	01-2120758975-36	1-<5%	ATO 4;H302,-
gamma-Undecalactone	104-67-6	203-225-4	01-211-9959333-34-0006	1-<5%	EH C3;H412,-
4-Hydroxy-3-methoxybenzaldehyde	121-33-5	204-465-2		1-<5%	EDI 2;H319,-
Coumarin	91-64-5	202-086-7	01-2119949300-45	0.1-<1%	SS 1B;H317,-
Cinnamal	104-55-2	203-213-9		0.1-<1%	ATD 4-SCI 2-EDI 2-SS 1;H312-H315-H317-H319,-
2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4	01-2119565113-46	0.1-<1%	EH A1-EH C1;H410,-

**Substances with Community workplace exposure limits:**

Name	CAS	EC	%
2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4	0.1-<1%
Benzyl Benzoate	120-51-4	204-402-9	5-<10%
Diethyl phthalate	84-66-2	201-550-6	50-100%

**Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:**

Not Applicable

**Section 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:** Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
- Ingestion:** Rinse mouth with water and obtain medical attention.

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

None expected, see Section 4.1 for further information.

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** CARMELISED PECANS A428438

**Version:** 3

### 4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

### 5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

## Section 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, surface and ground water, and soil.

### 6.3 Methods and material 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:

Also refer to sections 8 and 13.

## Section 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.

**SAFETY DATA SHEET**

In accordance with REACH Regulation EC No.1907/2006

**Product:** CARMELISED PECANS A428438**Version:** 3**7.3 Specific end use(s):**

Use in accordance with good manufacturing and industrial hygiene practices.

**Section 8. Exposure controls/personal protection****8.1 Control parameters**

Workplace exposure limits:

Ingredient	CAS	EC	Description	Value
2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4	Long-term exposure limit (8-hour TWA) (mg/m <sup>3</sup> )	10
Benzyl Benzoate	120-51-4	204-402-9	UK WEL Long term mgm <sup>3</sup>	5.1 mg/m <sup>3</sup>
			UK WEL Short term mgm <sup>3</sup>	102 mg/m <sup>3</sup>
			Long-term exposure limit (8-hour TWA) (mg/m <sup>3</sup> )	2.6
Diethyl phthalate	84-66-2	201-550-6	Long-term exposure limit (8-hour TWA) (mg/m <sup>3</sup> )	5
			Short-term exposure limit (15-minute) (mg/m <sup>3</sup> )	10

**8.2 Exposure Controls****Eye / Skin Protection**

Wear protective gloves/eye protection/face protection

**Respiratory Protection**

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

**Section 9. Physical and chemical properties****9.1 Information on basic physical and chemical properties****Appearance:** Not determined**Odour:** Not determined**Odour threshold:** Not determined

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** CARMELISED PECANS A428438

**Version:** 3

<b>pH:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined
<b>Flash point:</b>	> 61 °C
<b>Evaporation rate:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not determined
<b>Upper/lower flammability or explosive limits:</b>	Product does not present an explosion hazard
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Relative density:</b>	Not determined
<b>Solubility(ies):</b>	Not determined
<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Explosive properties:</b>	Not expected
<b>Oxidising properties:</b>	Not expected

**9.2 Other information:** None available

### Section 10. Stability and reactivity

#### **10.1 Reactivity:**

Presents no significant reactivity hazard, by itself or in contact with water.

#### **10.2 Chemical stability:**

Good stability under normal storage conditions.

#### **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.

**SAFETY DATA SHEET**

In accordance with REACH Regulation EC No.1907/2006

**Product:** CARMELISED PECANS A428438**Version:** 3**Section 11. Toxicological information****11.1 Information on toxicological effects**

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

This material does not meet the criteria for classification for health hazards under Regulation (EC) No 1272/2008.

<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
<b>Skin corrosion/irritation:</b>	Based on available data the classification criteria are not met.
<b>Serious eye damage/irritation:</b>	Based on available data the classification criteria are not met.
<b>Respiratory or skin sensitisation:</b>	Based on available data the classification criteria are not met.
<b>Germ cell mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity:</b>	Based on available data the classification criteria are not met.
<b>STOT-single exposure:</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard:</b>	Based on available data the classification criteria are not met.

**Information about hazardous ingredients in the mixture**

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
2-ethyl-3-hydroxy-4-pyrone	4940-11-8	225-582-5	1200	Not available	Not available	Not available
Benzyl Benzoate	120-51-4	204-402-9	1500	4000	11	Not available

Refer to Sections 2 and 3 for additional information.

**Section 12. Ecological information****12.1 Toxicity:**

Harmful to aquatic life with long lasting effects.

**12.2 Persistence and degradability:** Not available

**12.3 Bioaccumulative potential:** Not available

**12.4 Mobility in soil:** Not available

**12.5 Results of PBT and vPvB assessment:**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Other adverse effects:**

This material contains \*% Volatile Organic Compounds.: 0.7%

**SAFETY DATA SHEET**

In accordance with REACH Regulation EC No.1907/2006

**Product:** CARMELISED PECANS A428438**Version:** 3**Section 13. Disposal considerations****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.

**Section 14. Transport information**

**14.1 UN number:** Not classified  
**14.2 UN Proper Shipping Name:** -  
**14.3 Transport hazard class(es):** Not classified  
**Sub Risk:** Not classified  
**14.4. Packing Group:** Not classified  
**14.5 Environmental hazards:** Not environmentally hazardous for transport  
**14.6 Special precautions for user:** None additional  
**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**  
 Not classified

**Section 15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

None additional

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

**Section 16. Other information****Concentration % Limits:** EH C3=21.24%**Total Fractional Values:** EH C3=4.71**Key to revisions:**

SECTION 3: Composition/information on ingredients

**Key to abbreviations:**

Abbreviation	Meaning
ATD 4	Acute Toxicity - Dermal Category 4
ATI 4	Acute Toxicity - Inhalation Category 4
ATO 4	Acute Toxicity - Oral Category 4
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** CARMELISED PECANS A428438

**Version:** 3

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
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.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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.
P330	Rinse mouth.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1	Sensitization - Skin Category 1
SS 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee. This material has not been evaluated for safe use in e-cigarettes. Therefore Fragrance Oil Studio do not support the use in this particular application.



**CERTIFICATE OF CONFORMITY WITH IFRA STANDARDS**

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each Standard.

This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

**CERTIFYING PARTY:**

Fragrance Oil Studio  
Unit 1, Halifax Court  
Dunston  
NE11 9JT

**SCOPE OF THE CERTIFICATE:**

CARAMELISED PECANS A428438

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 49th Amendment to the IFRA Code of Practice (published January 2020), provided it is used in the following categories at a maximum concentration level of:

IFRA Categories [see Annex 1 below for details]	Maximum Level of use (%)
IFRA Category 1	Not approved
IFRA Category 2	1.75%
IFRA Category 3	2.62%
IFRA Category 4	31.25%
IFRA Category 5A	8.00%
IFRA Category 5B	3.16%
IFRA Category 5C	8.00%
IFRA Category 5D	1.05%
IFRA Category 6	Not approved
IFRA Category 7A	6.18%
IFRA Category 7B	6.18%
IFRA Category 8	1.05%
IFRA Category 9	28.65%
IFRA Category 10A	28.65%
IFRA Category 10B	Not limited
IFRA Category 11A	1.05%
IFRA Category 11B	1.05%
IFRA Category 12	Not limited

For other kinds of application or use at higher concentration levels, a new evaluation can be needed; please contact Fragrance Oil Studio.

**ADDITIONAL INFORMATION ABOUT INGREDIENTS**

Information about presence and concentration of fragrance ingredients subject to IFRA Limits in the fragrance mixture CARAMELISED PECANS A428438 is as follows:

Materials with an IFRA limit:	CAS number(s):	Concentration (%) in the fragrance mixture
Benzaldehyde	100-52-7	0.7000%
Benzyl Benzoate	120-51-4	6.6300%
Cinnamal	104-55-2	0.8000%
Coumarin	91-64-5	0.9000%

Regulatory Affairs Department

## ANNEX 1

Below is an extract of information provided by IFRA in relation to types of application present in each IFRA Category. Additional information about IFRA Categories can be found in the Guidance to IFRA Standards, issued by IFRA.

IFRA Category	Product Type
IFRA Category 1	Products applied to the lips: Lip products e.g. lipstick, lip balm; Childrens toys
IFRA Category 2	Products applied to the axillae: Deodorant and antiperspirant products of all types; Body sprays/mists
IFRA Category 3	Products applied to the face/body using fingertips: Eye products e.g. eye make-up, eye moisturizer; Facial make-up; Make-up remover; Nose pore strips; Wipes for face, neck, hands, body; Facial masks; Body and face paint
IFRA Category 4	Products related to fine fragrance: Hydroalcoholic and non-hydroalcoholic fine fragrance of all types e.g. Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types; Ingredients of perfume and fragrance mixtures for cosmetic kits; Scent pads; Scent strips
IFRA Category 5A	Body lotion products applied to the body using the hands (palms), primarily leave on: Foot care products e.g. creams, powders; Insect repellent for application to the skin; All powders and talc (excluding baby powders and talc)
IFRA Category 5B	Face moisturizer products applied to the face using the hands (palms), primarily leave on: Facial toner; Facial moisturizers and creams
IFRA Category 5C	Hand cream products applied to the hands using the hands (palms), primarily leave on: Hand cream; Nail care products including cuticle creams; Hand sanitizers
IFRA Category 5D	Baby creams, baby oils and baby talc: Baby cream/lotion, baby oil, baby powders and talc
IFRA Category 6	Products with oral and lip exposure: Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets
IFRA Category 7A	Rinse-off products applied to the hair with some hand contact: Hair permanent or other hair chemical treatments (rinse-off) e. g. relaxers, including rinse-off hair dyes
IFRA Category 7B	Leave-on products applied to the hair with some hand contact: Hair sprays of all types e.g. pumps, aerosol sprays; Hair styling aids non sprays e.g. mousse, leave- on conditioners; Hair permanent or other hair chemical treatments (leave-on) e.g. relaxers, including leave-on hair dyes; Shampoo - Dry (waterless shampoo); Hair deodorizer
IFRA Category 8	Products with significant anogenital exposure: Intimate wipes; Tampons; Baby wipes; Toilet paper (wet)
IFRA Category 9	Products with body and hand exposure, primarily rinse off: Bar soap; Liquid soap; Shampoo of all type; Conditioner (rinse-off); Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and other products added to bathwater; Cleanser for face (rinse-off); Shaving creams of all types e.g. stick, gels, foams; All depilatories (including facial) and waxes for mechanical hair removal; Foot care products (feet are placed in a bath for soaking); Shampoos for pets
IFRA Category 10A	Household care excluding aerosol / spray products: Hand wash laundry detergent; Laundry pre-treatment of all types e.g. paste, sprays, sticks; Machine laundry detergents with skin contact e.g. liquids, powders; Fabric softeners of all types including fabric softener sheets; Ironing water; Hand

	dishwashing detergent; Hard surface cleaners of all types e.g. bathroom, kitchen cleansers, furniture polish; Toilet seat wipes; Household cleaning products, other types including fabric cleaners, carpet cleaners, furniture polishes sprays and wipes, stain removers, treatment products for textiles e.g. starch sprays; Floor wax; Dry cleaning kits; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.
IFRA Category 10B	Household aerosol/spray products: Animal sprays applied to animals; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides
IFRA Category 11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure: Feminine hygiene conventional pads, liners, interlabial pads; Diapers (baby and adult); Adult incontinence pant, pad; Toilet paper (dry)
IFRA Category 11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure: Tights with moisturizers; 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; Fertilizers, solid (pellet or powder)
IFRA Category 12	Products not intended for direct skin contact, minimal or insignificant transfer to skin: Candles of all types ; Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types e.g. concentrated aerosol with metered doses, plug-ins, electrical, incense, liquid refills (cartridge); Air delivery systems; Cat litter; Cell phone cases; Deodorizers/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; Dishwash detergent and deodorizers - for machine wash; Olfactive board games; Paints; Plastic articles (excluding toys); Scratch and sniff; Scent pack; Scent delivery system (using dry air technology); Shoe polishes; Rim blocks (Toilet)

**ALLERGEN DECLARATION**

We hereby confirm that the following item contains the components listed below. Stated are the total levels added plus levels from natural ingredients. The information is supplied to enable compliance with Cosmetic and Detergent regulations.

**CARAMELISED PECANS**

<b>Ingredient</b>	<b>CAS</b>	<b>EC</b>	<b>Concentration (%)</b>
Benzyl Benzoate	120-51-4	204-402-9	6.63%
Cinnamal	104-55-2	203-213-9	0.8%
Coumarin	91-64-5	202-086-7	0.9%

Please note allergens are declared above a concentration limit of 0.0001%

**Regulatory Affairs Department**

# FRAGRANCE OIL STUDIO

WWW.FRAGRANCEOILSTUDIO.CO.UK

*10% CLP IN A NON-HAZARDOUS BASE*

## CARAMELISED PECANS

Safety data sheet available on request.

Do not forget the following are required on your CLP labels:

BUSINESS NAME | ADDRESS | CONTACT #

# FRAGRANCE OIL STUDIO

WWW.FRAGRANCEOILSTUDIO.CO.UK

*25% CLP IN DOWANOL*

## CARAMELISED PECANS

Harmful to aquatic life with long lasting effects.

Avoid release to the environment.

Dispose of contents/container to approved disposal site, in accordance with local regulations.

Contains Cinnamal, Coumarin.

May produce an allergic reaction.

Do not forget the following are required on your CLP labels:

BUSINESS NAME | ADDRESS | CONTACT #