

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Pumpkin Spice Fragrance Oil FRAG3200

Version: 5

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

1.1 Product Identifier

Product identifier: Pumpkin Spice Fragrance Oil FRAG3200(Contains:Cinnamaldehyde, Eugenol, Linalyl acetate, d-Limonene)

Other identifiers: None

Unique Formula Identifier (UFI): NN4C-C0K8-V005-A9YM

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

Product uses: Fragrances

1.3 Details of the supplier of the safety data sheet

Company name: Candle Shack Limited

Company address: Unit A
West Carron Works
Stenhouse Rd
Carron
Stirlingshire
FK2 8DR

Contact: Regulatory Affairs

E-Mail address: regulatory@candle-shack.co.uk

Company phone: 01324 227354

1.4 Emergency telephone number

Emergency phone: 01324 227354

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 3
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H412, Harmful to aquatic life with long lasting effects.

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Warning

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Pumpkin Spice Fragrance Oil FRAG3200

Version: 5

Hazard statements: H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H412, Harmful to aquatic life with long lasting effects.

Supplemental Information: EUH208, Contains 1,8,12-Bisabolatriene, 3-Methylcyclopentane-1,2-dione, Citral, Coumarin, Isoeugenol, Linalool, Methyl cinnamate, alpha-Pinene, beta-Pinene. May produce an allergic reaction.

Precautionary statements: P264, Wash hands and other contacted skin thoroughly after handling.
P273, Avoid release to the environment.
P280, Wear protective gloves/eye protection/face protection.
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.
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.
P261, Avoid breathing vapour or dust.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.
P272, Contaminated work clothing should not be allowed out of the workplace.
P102, Keep out of reach of children.

Pictograms:



Unique Formula Identifier (UFI): NN4C-C0K8-V005-A9YM

2.3 Other hazards

Other hazards: Sensitisers declared on a CLP Hazard Label: 1,8,12-Bisabolatriene, 3-Methylcyclopentane-1,2-dione, Citral, Coumarin, Isoeugenol, Linalool, Methyl cinnamate, alpha-Pinene, beta-Pinene
Hydrocarbon Concentration %: 2.1207%

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Pumpkin Spice Fragrance Oil FRAG3200

Version: 5

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
Eugenol	97-53-0	202-589-1		5-<10%	Eye Irrit. 2-Skin Sens. 1B;H317-H319,-	oral: ATE = 2500 mg/kg bw
Linalyl acetate	115-95-7	204-116-4		1-<5%	Skin Irrit. 2-Skin Sens. 1B;H315-H317,-	
gamma-Undecalactone	104-67-6	203-225-4		1-<5%	Aquatic Chronic 3; H412,-	
Cinnamaldehyde	104-55-2	203-213-9		1-<5%	Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1A-Aquatic Acute 1-Aquatic Chronic 2;H312-H315-H317-H319-H400-H411,-	M = 1-dermal: ATE = 1260 mg/kg bw-oral: ATE = 2220 mg/kg bw
d-Limonene	5989-27-5	227-813-5		1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 3; H226-H304-H315-H317-H400-H412,-	M = 1
Coumarin	91-64-5	202-086-7		1-<5%	Acute Tox. 4-Skin Sens. 1B;H302-H317,-	oral: ATE = 500 mg/kg bw
Linalool	78-70-6	201-134-4		1-<5%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-	oral: ATE = 2790 mg/kg bw
Methyl cinnamate	103-26-4	203-093-8		1-<5%	Skin Sens. 1B;H317,-	oral: ATE = 2610 mg/kg bw
Ethyl heptanoate	106-30-9	203-382-9		1-<5%	Aquatic Acute 1-Aquatic Chronic 3; H400-H412,-	M = 1
Ethyl butyrate	105-54-4	203-306-4		1-<5%	Flam. Liq. 3-Eye Irrit. 2; H226-H319,-	
Ethyl alcohol	64-17-5	200-578-6		1-<5%	Flam. Liq. 2-Eye Irrit. 2; H225-H319,-	
Citral	5392-40-5	226-394-6		0.1-<1%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1;H315-H317-H319,-	
alpha-Pinene	80-56-8	201-291-9		0.1-<1%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1; H226-H302-H304-H315-H317-H410,-	M = 1-oral: ATE = 500 mg/kg bw
3-Methylcyclopentane-1,2-dione	765-70-8	212-154-8		0.1-<1%	Acute Tox. 4-Skin Sens. 1;H302-H317,-	oral: ATE = 1067 mg/kg bw
1,8,12-Bisabolatriene	17627-44-0	241-610-9		0.1-<1%	Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Chronic 2;H304-H315-H317-H332-H411,-	inhalation: ATE = 1.5 mg/l (dusts or mists)
beta-Pinene	127-91-3	204-872-5		0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1; H226-H304-H315-H317-H410,-	M = 1
Camphene	79-92-5	201-234-8		0.1-<1%	Flam. Sol. 2-Aquatic Acute 1-Aquatic Chronic 1;H228-H410,-	M = 1

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Pumpkin Spice Fragrance Oil FRAG3200

Version: 5

Isobutyric acid	79-31-2	201-195-7		0.1-<1%	Flam. Liq. 3-Acute Tox. 4-Acute Tox. 3-Skin Corr. 1B-Eye Dam. 1; H226-H302-H311-H314,-	dermal: ATE = 474 mg/kg bw-oral: ATE = 1874 mg/kg bw
Isoeugenol	97-54-1	202-590-7		<0.1%	Acute Tox. 4-Acute Tox. 4-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1A-STOT SE 3;H302-H312-H315-H317-H319-H332-H335,-	inhalation: ATE = 1.5 mg/l (dusts or mists)-dermal: ATE = 1912 mg/kg bw-oral: ATE = 542 mg/kg bw

Substances with Community workplace exposure limits:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
Dipropylene glycol monomethyl ether	34590-94-8	252-104-2		50-100%	-;-,-	
Ethyl alcohol	64-17-5	200-578-6		1-<5%	Flam. Liq. 2-Eye Irrit. 2; H225-H319,-	

Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:

Not Applicable

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: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Pumpkin Spice Fragrance Oil FRAG3200

Version: 5

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.

7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Pumpkin Spice Fragrance Oil FRAG3200

Version: 5

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

Ingredient	CAS	EC	Description	Value
Dipropylene glycol monomethyl ether	34590-94-8	252-104-2	UK WEL Long term ppm	50 ppm
			UK WEL Long term mgm3	308 mg/m ³
Ethyl alcohol	64-17-5	200-578-6	UK WEL Long term ppm	1000 ppm
			UK WEL Long term mgm3	1920 mg/m ³

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

Physical State/Colour:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
Melting point / freezing point:	Not determined
Boiling point or initial boiling point and boiling range:	Not determined
Flammability:	Not determined
Lower and upper explosion limit:	Not determined
Flash point:	> 70 °C
Auto-ignition temperature:	Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Pumpkin Spice Fragrance Oil FRAG3200

Version: 5

Decomposition temperature:	Not relevant
pH:	Not determined
Kinematic viscosity:	Not determined
Solubility:	Not determined
Partition coefficient: n-octanol/water (log value):	Not determined
Vapour pressure:	Not determined
Density and/or relative density:	Not determined
Relative vapour density:	Not determined
Particle characteristics:	Not determined

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.

Section 11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

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).

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Based on available data the classification criteria are not met.
Serious eye damage/irritation:	Eye Damage / Irritation Category 2
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Pumpkin Spice Fragrance Oil FRAG3200**Version:** 5**Carcinogenicity:** Based on available data the classification criteria are not met.**Reproductive toxicity:** Based on available data the classification criteria are not met.**STOT-single exposure:** Based on available data the classification criteria are not met.**STOT-repeated exposure:** Based on available data the classification criteria are not met.**Aspiration hazard:** Based on available data the classification criteria are not met.**Information about hazardous ingredients in the mixture**

Ingredient	CAS	EC	LD50/ATE Oral (mg/kg)	LD50/ATE Dermal (mg/kg)	LC50/ATE Inhalation	LC50 Route
Cinnamaldehyde	104-55-2	203-213-9	2220	1260	Not available	Not available
Coumarin	91-64-5	202-086-7	500	Not available	Not available	Not available
Isobutyric acid	79-31-2	201-195-7	1874	474	Not available	Not available

Refer to Sections 2 and 3 for additional information.

11.2 Information on other hazards

Not Applicable

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 Endocrine disrupting properties: Not Applicable**12.7 Other adverse effects:** Not available**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 or ID number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
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SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Pumpkin Spice Fragrance Oil FRAG3200

Version: 5

UN Model Regulations	Not classified	-	-	-	-
IMDG	Not classified	-	-	-	-
ADR,RID,ADN	Not classified	-	-	-	-
ICAO TI	Not classified	-	-	-	-

14.5 Environmental hazards: Not environmentally hazardous for transport

14.6 Special precautions for user: None additional

14.7 Maritime transport in bulk according to IMO instruments:

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: EDI 2=71.85% SS 1=4.31% EH C3=31.71%

Total Fractional Values: EDI 2=1.39 SS 1=23.20 EH C3=3.15

Key to revisions:

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.3. Transport hazard class(es)

14.4. Packing group

Classification under Regulation (EC) No 1272/2008

Classification under Regulation (EC) No 1272/2008

Concentration % Limits

SECTION 3: Composition/information on ingredients

Total Fractional Values

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 3	Acute Toxicity - Dermal Category 3
Acute Tox. 4	Acute Toxicity - Dermal Category 4
Acute Tox. 4	Acute Toxicity - Oral Category 4

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Pumpkin Spice Fragrance Oil FRAG3200

Version: 5

Acute Tox. 4	Acute Toxicity - Inhalation Category 4
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Asp. Tox 1	Aspiration Hazard Category 1
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2	Eye Damage / Irritation Category 2
Flam. Liq. 2	Flammable Liquid, Hazard Category 2
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
Flam. Sol. 2	Flammable Solid, Hazard Category 2
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
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.
P102	Keep out of reach of children.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapour or dust.
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.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Pumpkin Spice Fragrance Oil FRAG3200

Version: 5

P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P301/330/331	If swallowed: Rinse mouth. Do not induce vomiting.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
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.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233	Store in a well-ventilated place. Keep container tightly closed.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
STOT SE 3	Specific Target Organ Toxicity (Single Exposure) Category 3
Skin Corr. 1B	Skin Corrosion / Irritation Category 1B
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1A	Sensitization - Skin Category 1A
Skin Sens. 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.