

In accordance with REACH Regulation EC No.1907/2006

Product: Black Cherry Fragrance Oil FRAG3290

Version:

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

1.1 Product Identifier

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 Product identifier:
 Black Cherry Fragrance Oil FRAG3290(Contains:(2E)-1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-2-
buten-1-one, Linalool)

 Other identifiers:
 None

 Unique Formula
Identifier (UFI):
 KF39-H0HJ-J004-CRPP

1.2 Relevant identified uses of the substance of 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

•••	Eye Damage / Irritation Category 2			
danger:	Sensitization - Skin Category 1			
	Hazardous to the Aquatic Environment - Long-term Hazard Category 2			
	H317, May cause an allergic skin reaction.			
	H319, Causes serious eye irritation.			
	H411, Toxic to aquatic life with long lasting effects.			
2.2 Label elements				

Classification under Regulation (EC) No 1272/2008

Signal word: Warning

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Hazard state	ments:	H317, May cause an allergic skin reaction. H319, Causes serious eye irritation. H411, Toxic to aquatic life with long lasting effects.					
Supplementa Information:	I	EUH208, Contains 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde, Cinnamaldehyde, Citral, Coumarin, Ethyl methylphenylglycidate, Eugenol, Geraniol, Geranyl acetate, Geranyl formate, beta-Pinene, d-Limonene, trans-Anethole. May produce an allergic reaction.					
Precautionar statements:	у	 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. 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. 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

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		10-<20%	Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 2;H302-H400- H411,-

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				Skin Irrit. 2-Eye Irrit. 2-
Linalool	78-70-6	201-134-4	1-<5%	Skin Sens. 1B;H315- H317-H319,-
Vanillin	121-33-5	204-465-2	1-<5%	Eye Irrit. 2;H319,-
beta-Ionone	14901-07-6	238-969-9	1-<5%	Aquatic Chronic 2; H411,-
Benzaldehyde	100-52-7	202-860-4	1-<5%	Acute Tox. 4-Acute Tox. 4-Eye Irrit. 2- STOT SE 3;H302- H319-H332-H335
(2E)-1-(2,6,6-Trimethyl- 1-cyclohexen-1-yl)-2- buten-1-one	23726-91-2	245-842-1	1-<5%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Chronic 2; H315-H317-H411,-
Butyl acetate	123-86-4	204-658-1	1-<5%	Flam. Liq. 3-STOT SE 3;H226-H336,-
Ethyl octanoate	106-32-1	203-385-5	1-<5%	Aquatic Chronic 2; H411,-
d-Limonene	5989-27-5	227-813-5	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,-
2,4-Dimethyl-3- cyclohexen-1- carboxaldehyde	68039-49-6	268-264-1	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2- Skin Sens. 1B-Aquatic Chronic 2;H315-H317- H319-H411,-
Geranyl acetate	105-87-3	203-341-5	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Chronic 3; H315-H317-H412,-
Citral	5392-40-5	226-394-6	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2- Skin Sens. 1;H315- H317-H319,-
Geraniol	106-24-1	203-377-1	0.1-<1%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1B;H315- H317-H318,-
trans-Anethole	4180-23-8	224-052-0	0.1-<1%	Skin Sens. 1B;H317,-
Hexanoic acid	142-62-1	205-550-7	0.1-<1%	Skin Corr. 1C-Eye Dam. 1;H314,-
Ethyl methylphenylglycidate	77-83-8	201-061-8	0.1-<1%	Skin Sens. 1B-Aquatic Chronic 2;H317-H411,-
2-Methyl-2-pentenoic acid	16957-70-3	241-026-4	0.1-<1%	Skin Corr. 1C-Eye Dam. 1;H314,-
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,-
Eugenol	97-53-0	202-589-1	0.1-<1%	Eye Irrit. 2-Skin Sens. 1B;H317-H319,-
Phenethyl acetate	103-45-7	203-113-5	0.1-<1%	Eye Dam. 1;H318,-
Allyl hexanoate	123-68-2	204-642-4	0.1-<1%	Acute Tox. 3-Acute Tox. 3-Acute Tox. 3- Aquatic Acute 1- Aquatic Chronic 3; H301-H311-H331- H400-H412,-
Coumarin	91-64-5	202-086-7	0.1-<1%	Acute Tox. 4-Skin Sens. 1B;H302-H317,-
Geranyl formate	105-86-2	203-339-4	0.1-<1%	Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 2;H317-H400- H411
Butylated hydroxytoluene	128-37-0	204-881-4	0.1-<1%	Aquatic Acute 1- Aquatic Chronic 1; H410,-

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Cinnamaldehyde	104-55-2	203-213-9	<0.1%	Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1A;H312-H315- H317-H319
alpha-Cedrene	469-61-4	207-418-4	<0.1%	Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1:H304-H410

Substances with Community workplace exposure limits:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Benzyl benzoate	120-51-4	204-402-9		10-<20%	-;-,-
Butyl acetate	123-86-4	204-658-1		1-<5%	Flam. Liq. 3-STOT SE 3;H226-H336,-
Butylated hydroxytoluene	128-37-0	204-881-4		0.1-<1%	Aquatic Acute 1- Aquatic Chronic 1; H410,-
Diethyl phthalate	84-66-2	201-550-6		1-<5%	-;-,-
Dipropylene glycol monomethyl ether	34590-94-8	252-104-2		20-<50%	-;-,-
Ethyl acetate	141-78-6	205-500-4		0.1-<1%	Flam. Liq. 2-Eye Irrit. 2- STOT SE 3;H225- H319-H336,-
Isobutyl acetate	110-19-0	203-745-1		0.1-<1%	Flam. Liq. 2-STOT SE 3;H225-H336,-

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.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.



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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:

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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.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:



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Ingredient	CAS	EC	Description	Value
			UK WEL Long term mgm3	5.1 mg/m³
Benzyl benzoate	120-51-4	204-402-9	UK WEL Short term mgm3	102 mg/m³
			Long-term exposure limit (8-hour TWA) (mg/m3)	2.6
			UK WEL Long term ppm	150 ppm
Dut d analytic	100.00 4	204.050.4	UK WEL Long term mgm3	724 mg/m³
Butyl acetate	123-86-4	204-658-1	UK WEL Short term ppm	200 ppm
			UK WEL Short term mgm3	966 mg/m³
Butylated hydroxytoluene	128-37-0	204-881-4	UK WEL Long term mgm3	10 mg/m³
	84-66-2	201-550-6	UK WEL Long term mgm3	5 mg/m³
Diethyl phthalate			UK WEL Short term mgm3	10 mg/m³
Dipropylene glycol monomethyl	34590-94-8	252-104-2	UK WEL Long term ppm	50 ppm
ether	34590-94-8		UK WEL Long term mgm3	308 mg/m³
		005 500 4	UK WEL Long term ppm	200 ppm
Ethyl acetate	141-78-6	205-500-4	UK WEL Short term ppm	400 ppm
		203-745-1	UK WEL Long term ppm	150 ppm
Isobutyl acetate	110-19-0		UK WEL Long term mgm3	724 mg/m³
			UK WEL Short term ppm	187 ppm
			UK WEL Short term mgm3	903 mg/m³



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8.2 Exposure Controls

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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
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	> 61 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosiv	e limits: Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water	: Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected
9.2 Other information:	None available



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Section 10. Stability and reactivity

10.1 Reactivity:

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

10.2 Chemical stability:

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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 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).

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.
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	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Allyl hexanoate	123-68-2	204-642-4	300	300	3	Vapour mg/l
Benzaldehyde	100-52-7	202-860-4	1430	2500	15	Dust/mist mg/l



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Benzyl benzoate 120-51-4	204-402-9	1500	4000	Not available	Not available
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Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Toxic to aquatic life with long lasting effects.12.2 Persistence and degradability:Not available12.3 Bioaccumulative potential:Not available12.4 Mobility in soil:Not available12.5 Results of PBT and vPvB assessment:This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.12.6 Other adverse effects: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:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class(es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, d-Limonene)	9	-	
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, d-Limonene) MARINE POLLUTANT	9	-	111
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, d-Limonene)	9	-	
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, d-Limonene)	9	-	

14.5 Environmental hazards:

This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code. None additional

14.6 Special precautions for user:

Candle Shack Ltd, Unit A, West Carron Works, Stenhouse Rd, Carron, Stirlingshire, FK2 8DR.



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14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

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

1

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

Section 16. Other information

Concentration % Limits:	EH C2=82.95% EH C3=8.30% EDI 2=69.22% SS 1=31.44%
Total Fractional Values:	EH C2=1.21 EH C3=12.06 EDI 2=1.44 SS 1=3.18
Key to revisions:	

Not applicable

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 3	Acute Toxicity - Oral Category 3
Acute Tox. 3	Acute Toxicity - Dermal Category 3
Acute Tox. 3	Acute Toxicity - Inhalation Category 3
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 4	Acute Toxicity - Inhalation Category 4
Acute Tox. 4	Acute Toxicity - Dermal 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. 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
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.

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H318 Causes serious eye damage H319 Causes serious eye irritation H331 Toxic if inhaled H332 Harmful if inhaled H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. 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 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. Use explosion-proof electrical, ventilating and lighting equipment. P241 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. 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. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to P305/351/338 do. Continue rinsing Immediately call a POISON CENTER or doctor/physician. P310 P311 Call a POISON CENTRE 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 P361 Remove/Take off immediately all contaminated clothing. P362 Take off contaminated clothing and wash before reuse. P363 Wash contaminated clothing before reuse

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P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.		
P391	Collect spillage.		
P403/233/235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.		
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		
STOT SE 3	Specific Target Organ Toxicity (Single Exposure) Category 3		
Skin Corr. 1C	Skin Corrosion / Irritation Category 1C		
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.