

SAFETY DATA SHEET

CLP: REACH Regulation (EU) 2020/878
Version 5 Revised 21/09/2022 10:43:33

Printed on 02 Nov 2022

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name	APPLE AND CINNAMON
Code Number	FRAGRANCE
Alternative Name	
REACH Registration Number	Not registered

1.2 Relevant identified uses of the substance or mixture and uses advised against
Concentrated material for manufacturing purposes only

1.3 Details of the supplier of the safety data sheet

Randalls Candles Ltd.
Unit 14-16
Campbells Meadow Business Park
Kings Lynn, Norfolk
PE30 4YR

Telephone Number	01945 880247
Email Address	contact@randallscandles.co.uk

1.4 Emergency Telephone Number

07951140648

Section 2: Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Sens. 1A; H317

Aquatic Chronic 3; H412

Refer to section 16 for the wording of listed classification and hazard statement codes

2.2 Label elements

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CLP: Labelling according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word Warning

Hazard Statements

H317 May cause an allergic skin reaction

H412 Harmful to aquatic life with long lasting effects

Precautionary Statements

P273 Avoid release to the environment.

P280 Wear protective gloves and eye protection

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice.

P501 Dispose of contents/container to approved disposal site, in accordance with local regulations.

2.3 Other Hazards

Contains alpha-iso-Methylionone, Cinnamal, Citral, Coumarin, Eugenol and Limonene which may produce an allergic reaction

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

No further information available at this time

Section 3: Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

3.2 Mixtures

Complex mixture of fragrance ingredients

Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc. (%)	SCL / ATE / M-Factor

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CAS 101-39-3 EINECS 202-938-8 REACH	alpha-Methylcinnamaldehyde (alpha-Methyl cinnamic aldehyde) Skin Sens. 1;H317	>=3%,<5%	
CAS 97-53-0 EINECS 202-589-1 REACH	Eugenol (2-Methoxy-4-(2-propenyl) phenol) (Allylguaiacol) Skin Sens. 1B;H317,Eye Irrit. 2;H319	>=1%,<3%	
CAS 91-64-5 EINECS 202-086-7 REACH	1-Benzopyran-2-one (Coumarin) Acute Tox. 4;H302,Skin Sens. 1B;H317	>=1%,<3%	LD50(oral): 500 mg/kg
CAS 78-69-3 EINECS 201-133-9 REACH	Tetrahydrolinalool Skin. Irrit. 2;H315	>=1%,<3%	
CAS 105-95-3 EINECS 203-347-8 REACH	Ethylene brassylate (Musk T93) (1,4-Dioxycycloheptadecane-5,17-dione) Aquatic Chronic 2;H411	>=1%,<3%	
CAS 115-95-7 EINECS 204-116-4 REACH	Linalyl acetate Skin. Irrit. 2;H315,Eye Irrit. 2;H319	>=1%,<3%	
CAS 104-55-2 EINECS 203-213-9 REACH	Cinnamic aldehyde (3-Phenyl-2-propenal) (Cinnamaldehyde) Acute Tox. 4;H312,Skin. Irrit. 2;H315,Skin Sens. 1A;H317,Eye Irrit. 2;H319	>=1%,<3%	LD50(dermal) : 1100 mg/kg
CAS 57378-68-4 EINECS 260-709-8 REACH	delta-Damascone (1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one) Acute Tox. 4;H302,Skin. Irrit. 2;H315,Skin Sens. 1;H317,Aquatic Acute 1;H400,Aquatic Chronic 1;H410	>=0.1%,<1%	LD50(oral): 1600 mg/kg
CAS 5392-40-5 EINECS 226-394-6 REACH	Citral (3,7-Dimethyl-2,6-octadienal) (Lemarome) (Neral/Geraniol) Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Eye Irrit. 2;H319	>=0.1%,<1%	
CAS 127-51-5 EINECS 204-846-3 REACH	alpha-iso-Methylionone Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Eye Irrit. 2;H319,Aquatic Chronic 2;H411	>=0.1%,<1%	
CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (p-Mentha-1,8-diene) Flam. Liq. 3;H226,Asp. Tox. 1;H304,Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Aquatic Acute 1;H400,Aquatic Chronic 1;H410	>=0.1%,<1%	
CAS 123-35-3 EINECS 204-622-5 REACH	beta-Myrcene Flam. Liq. 3;H226,Asp. Tox. 1;H304,Skin. Irrit. 2;H315,Eye Irrit. 2;H319	0.0094	
CAS 80-56-8 EINECS 201-291-9 REACH	Pinenes Flam. Liq. 3;H226,Asp. Tox. 1;H304,Skin. Irrit. 2;H315,Skin Sens. 1B;H317	0.0023	

Refer to section 16 for the wording of listed classification and hazard statement codes

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Section 4: First Aid measures

Take phrases in section 2 into account

4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary.

After skin contact

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

After eye contact

Flush with plenty of water and seek medical advice if necessary.

After ingestion

Wash mouth with plenty of water and obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further information available at this time

4.3 Indication of immediate medical attention and special treatment needed

No further information available at this time

Section 5: Fire-fighting measures

5.1 Extinguishing Media

Carbon dioxide, foam or dry powder.

DO NOT USE A DIRECT WATER JET.

5.2 Special hazards arising from the substance or mixture

May produce Carbon dioxide and unidentified organic compounds.

5.3 Advice for fire-fighters

Wear protective clothing and avoid inhalation of vapours. Keep containers cool with water spray

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.

Avoid inhalation, skin and eye contact.

Ensure proper ventilation.

6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water

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6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbant material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

Section 7: Handling and storage

7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool place.

7.3 Specific end uses

No further information available

Section 8: Exposure controls / personal protection

8.1 Control Parameters

Occupational exposure limits:

UK / WEL

(Workplace exposure limits, EH40/2005, 2020)

CAS	Long-term (8hr TWA) mg/m3	Long-term (8hr TWA) ppm	Short-term (15min) mg/m3	Short-term (15min) ppm	Notes
84-66-2		5		10	

No information

8.2 Exposure controls

Engineering controls

No information

Individual protection measures

Refer to Section 5 for specific fire / chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period.

Eye / face protection

Wear safety goggles.

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Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas

Thermal hazards

No information

Environmental exposure controls

No information

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Flash Point (°C) Above 61

Physical state Liquid

9.2 Other information

Information with regard to physical hazard classes

No further information available

Other safety characteristics

No further information available

Section 10: Stability and reactivity

10.1 Reactivity

Not determined

10.2 Chemical Stability

Not determined

10.3 Possibility of hazardous reactions

Not determined

10.4 Conditions to avoid

Extreme temperatures

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10.5 Incompatible materials

Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

10.6 Hazardous decomposition products

Not determined

Section 11: Toxicological information

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

Acute toxicity

Benzaldehyde CAS: 100-52-7

ATE(oral): 500 mg/kg LD50(dermal): Not applicable LC50(inhalation): Not applicable

1-Benzopyran-2-one (Coumarin) CAS: 91-64-5

LD50(oral): 500 mg/kg LD50(dermal): Not applicable LC50(inhalation): Not applicable

Cinnamic aldehyde (3-Phenyl-2-propenal) (Cinnamaldehyde) CAS: 104-55-2

LD50(oral): Not applicable LD50(dermal): 1100 mg/kg LC50(inhalation): Not applicable

Citral (3,7-Dimethyl-2,6-octadienal) (Lemarome) (Neral/Geraniol) CAS: 5392-40-5

LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable

delta-Damascone (1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one) CAS: 57378-68-4

LD50(oral): 1600 mg/kg LD50(dermal): Not applicable LC50(inhalation): Not applicable

Diethyl phthalate (DEP) CAS: 84-66-2

LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable

Ethylene brassylate (Musk T93) (1,4-Dioxycycloheptadecane-5,17-dione) CAS: 105-95-3

LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable

Ethyl-2-methyl butyrate CAS: 7452-79-1

LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable

Eugenol (2-Methoxy-4-(2-propenyl) phenol) (Allylguaiacol) CAS: 97-53-0

LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable

alpha-iso-Methylionone CAS: 127-51-5

LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable

Linalyl acetate CAS: 115-95-7

LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable

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alpha-Methylcinnamaldehyde (alpha-Methyl cinnamic aldehyde) CAS: 101-39-3	LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable
alpha-Terpineol (para-Menth-1-en-8-ol) (Lindenol) CAS: 98-55-5	LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable
Tetrahydrolinalool CAS: 78-69-3	LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable
Verdox (ortho-tert.-Butyl cyclohexyl acetate) CAS: 88-41-5	LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable
Orange terpenes (sweet) CAS: 68647-72-3	LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable

Skin corrosion / irritation

No data

Serious eye damage / irritation

No data

Respiratory or skin sensitisation

No data

Germ cell mutagenicity

No data

Carcinogenicity

No data

Reproductive toxicity

No data

Specific Target Organ - single exposure

No data

Specific Target Organ - repeated exposure

No data

Aspiration hazard

No data

Information on likely routes of exposure

No data

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Symptoms related to the physical, chemical and toxicological characteristics

No data

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data

Interactive effects

No data

11.2 Information on other hazards

Endocrine disrupting properties

No data

Other information

No data

Section 12: Ecological information

12.1 Toxicity

No data available. Avoid soil, surface water and water-bearing stratum contamination.

12.2 Persistence and degradability

No data

12.3 Bioaccumulative potential

No data

12.4 Mobility in soil

No data

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

No data

12.7 Other adverse effects

No data available

12.8 Additional information

No data

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Section 13: Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

Section 14: Transport information

14.1 UN number or ID number Not regulated

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

Tunnel Code

14.5 Environmental Hazards

No relevant information available

14.6 Special precautions for user

No relevant information available

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No relevant information available at this time

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

Section 16: Other information

Full list of precautionary phrases

P273 Avoid release to the environment.

P280 Wear protective gloves and eye protection

P302+P352 IF ON SKIN: Wash with plenty of water.

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P333+P313 If skin irritation or rash occurs: Get medical advice.
P501 Dispose of contents/container to approved disposal site, in accordance with local regulations.

Wording of any hazard classes listed in section 3

FL 3 Flammable liquid, category 3
ATO 4 Acute toxicity, oral, category 4
AH 1 Aspiration hazard, category 1
ATD 4 Acute toxicity, dermal, category 4
SCI 2 Skin corrosion/irritation, category 2
SS 1 Skin sensitisation, category 1
SS 1A Skin sensitisation, category 1A
SS 1B Skin sensitisation, category 1B
EDI 2 Eye damage/irritation, category 2
STO-SE 3(RI) Specific target organ, single exposure, respiratory irritation
EH A1 Aquatic hazard, acute, category 1
EH C1 Aquatic hazard, chronic, category 1
EH C2 Aquatic hazard, chronic, category 2

Wording of any hazard statements listed in section 3

H226 Flammable liquid and vapour
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
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

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Allergen Analysis

Product Name : CINNAMON & APPLE FRAGRANCE

Fragrance Ingredient	CAS Number	Concentration present as a percentage (%) or "A" for absent in fragrance		
		Added as such	From natural & other sources	Total
alpha-iso-Methylionone	127-51-5	0.57	A	0.57
Amyl Cinnamal	122-40-7	A	A	A
Amylcinnamyl Alcohol	101-85-9	A	A	A
Anise Alcohol	105-13-5	A	A	A
Benzyl Alcohol	100-51-6	A	A	A
Benzyl Benzoate	120-51-4	A	A	A
Benzyl Cinnamate	103-41-3	A	A	A
Benzyl Salicylate	118-58-1	A	A	A
Butylphenyl Methylpropional (Lilial)	80-54-6	A	A	A
Cinnamal	104-55-2	1.94	A	1.94
Cinnamyl Alcohol	104-54-1	A	A	A
Citral	106-26-3	0.56	A	0.56
	141-27-5			
	5392-40-5			
Citronellol	106-22-9	A	A	A
	1117-61-9			
	141-25-3			
	6812-78-8			
	68916-43-8			
	7540-51-4			
Coumarin	91-64-5	2.00	A	2.00
Eugenol	97-53-0	1.83	A	1.83
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A	A	A
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A	A	A
Farnesol	4602-84-0	A	A	A
Geraniol	106-24-1	A	A	A
Hexyl Cinnamal	101-86-0	A	A	A
Hydroxycitronellal	107-75-5	A	A	A
Isoeugenol	97-54-1	A	A	A
Limonene	138-86-3	A	0.45	0.45
	5989-27-5			
	5989-54-8			
	7705-14-8			
Linalool	126-90-9	A	A	A
	126-91-0			
	78-70-6			
Methyl 2-Octynoate	111-12-6	A	A	A

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