



## SAFETY DATA SHEET

CLP: REACH Regulation (EU) 2020/878

Printed on 11 Jun 2024

Code Number DEV-53101

Version 8 Revised 11/06/2024 09:04:53

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

#### 1.1 Product Identifier

Product Name APPLE FRAGRANCE

Code Number DEV-53101

Alternative Name

REACH Registration Number Not registered

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

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

Essican Purelife  
Unit 2A, Hollow wood road  
Dover  
Kent  
CT17 0UB

Telephone Number 01304 273111

Email Address sales@purelifeuk.co.uk

#### 1.4 Emergency Telephone Number

07922230825

### Section 2: Hazard Identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2;H319

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

H319 Causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects

Precautionary Statements

P273 Avoid release to the environment.

P280 Wear protective gloves and eye protection

P337+P313 If eye irritation persists: Get medical attention.

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

## 2.3 Other Hazards

Contains Cinnamyl Alcohol, Eugenol, Hexyl Cinnamal and Linalool which may produce an allergic reaction

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

## 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 105-53-3 EINECS 203-305-9 REACH	Diethyl malonate (Diethyl propandioate) Eye Irrit. 2;H319	>=10%,<25%	
CAS 88-41-5 EINECS 201-828-7 REACH	Verdox (ortho-tert.-Butyl cyclohexyl acetate) Aquatic Chronic 2;H411	>=3%,<5%	
CAS 1335-66-6 EINECS 215-638-7 REACH	Isocyclocitral (2,4,6-Trimethyl-3-cyclohexene-1-carboxaldehyde) Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Eye Irrit. 2;H319,Aquatic Chronic 3;H412	>=0.1%,<1%	
CAS 103-95-7 EINECS 203-161-7 REACH	Cyclamen aldehyde (2-Methyl-3-(p-isopropylphenyl) propionaldehyde) (repr. Cat 3) Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Aquatic Chronic 3;H412	>=0.1%,<1%	
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	>=0.1%,<1%	
CAS 105-87-3 EINECS 203-341-5 REACH	Geranyl acetate Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Aquatic Chronic 3;H412	>=0.1%,<1%	
CAS 101-86-0 EINECS 202-983-3 REACH	alpha-Hexyl cinnamic aldehyde (HCA) (2-Hexyl-phenyl-2-propenal) Skin Sens. 1B;H317,Aquatic Acute 1;H400,Aquatic Chronic 2;H411	>=0.1%,<1%	
CAS 68039-49-6 EINECS 268-264-1 REACH	Triplal (2,4-Dimethyl-3-cyclohexene-1-carboxaldehyde) Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Eye Irrit. 2;H319,Aquatic Chronic 3;H412	>=0.1%,<1%	
CAS 115-95-7 EINECS 204-116-4 REACH	Linalyl acetate Skin. Irrit. 2;H315,Skin Sens. 1;H317,Eye Irrit. 2;H319	>=0.1%,<1%	
CAS 78-70-6 EINECS 201-134-4 REACH	Coriandrol (Linalool) (3,7-Dimethyl-1,6-octadien-3-ol) Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Eye Irrit. 2;H319	>=0.1%,<1%	
CAS 104-54-1 EINECS 203-212-3 REACH	Cinnamic alcohol (Cinnamyl alcohol) (Styryl alcohol) Acute Tox. 4;H302,Skin Sens. 1;H317,Aquatic Chronic 2;H411	>=0.1%,<1%	
CAS 123-68-2 EINECS 204-642-4 REACH	Allyl hexanoate (Allyl caproate) (2-Propenyl hexanoate) Acute Tox. 4;H302,Acute Tox. 3;H311,Acute Tox. 3;H331,Aquatic Acute 1;H400,Aquatic Chronic 3;H412	>=0.1%,<1%	LD50(dermal) : 300 mg/kg

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

After skin contact

After eye contact

After ingestion

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

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

### Section 5: Fire-fighting measures

#### 5.1 Extinguishing Media

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

#### 5.3 Advice for fire-fighters

### Section 6: Accidental release measures

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

#### 6.2 Environmental precautions

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

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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

7.2 Conditions for safe storage, including any incompatibilities

7.3 Specific end uses

## 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	

### 8.2 Exposure controls

Engineering controls

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

Hand protection

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Other skin protection

Respiratory protection

Thermal hazards

Environmental exposure controls

### 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

Other safety characteristics

No further information available

### Section 10: Stability and reactivity

#### 10.1 Reactivity

#### 10.2 Chemical Stability

#### 10.3 Possibility of hazardous reactions

#### 10.4 Conditions to avoid

#### 10.5 Incompatible materials

#### 10.6 Hazardous decomposition products

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## Section 11: Toxicological information

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

#### Acute toxicity

Allyl hexanoate (Allyl caproate) (2-Propenyl hexanoate) CAS: 123-68-2

ATE(oral): 500 mg/kg LD50(dermal): 300 mg/kg  
ATE(inhalation): 3 mg/l

Cinnamic alcohol (Cinnamyl alcohol) (Styryl alcohol) CAS: 104-54-1

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

Phenethyl alcohol (Phenyl ethyl alcohol) CAS: 60-12-8

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

Skin corrosion / irritation

Serious eye damage / irritation

Respiratory or skin sensitisation

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

Specific Target Organ - single exposure

Specific Target Organ - repeated exposure

Aspiration hazard

Information on likely routes of exposure

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Symptoms related to the physical, chemical and toxicological characteristics

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

Interactive effects

### 11.2 Information on other hazards

Endocrine disrupting properties

No data

### Section 12: Ecological information

#### 12.1 Toxicity

#### 12.2 Persistence and degradability

No data

#### 12.3 Bioaccumulative potential

#### 12.4 Mobility in soil

#### 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

#### 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

### 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

14.6 Special precautions for user

### Section 15: Regulatory information

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

15.2 Chemical safety assessment

### Section 16: Other information

Full list of precautionary phrases

P273 Avoid release to the environment.

P280 Wear protective gloves and eye protection

P337+P313 If eye irritation persists: Get medical attention.

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

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### Wording of any hazard classes listed in section 3

FL 3	Flammable liquid, category 3
ATO 4	Acute toxicity, oral, category 4
ATD 3	Acute toxicity, dermal, category 3
SCI 1B	Skin corrosion/irritation, category 1B
SCI 2	Skin corrosion/irritation, category 2
SS 1	Skin sensitisation, category 1
SS 1B	Skin sensitisation, category 1B
EDI 1	Eye damage/irritation, category 1
EDI 2	Eye damage/irritation, category 2
ATI 3	Acute toxicity, inhalation, category 3
EH A1	Aquatic hazard, acute, category 1
EH C2	Aquatic hazard, chronic, category 2
EH C3	Aquatic hazard, chronic, category 3

### Wording of any hazard statements listed in section 3

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

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## CERTIFICATE OF CONFORMITY OF FRAGRANCE MIXTURES WITH IFRA STANDARDS

This Certificate assesses the conformity of a 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 endpoint(s) described in each Standard.

### **CERTIFYING PARTY:**

Essican Purelife

Unit 2A, Hollow wood road, Dover, Kent, CT17 0UB, England.

### **CERTIFICATE DELIVERED TO:**

**Customer:**

### **SCOPE OF THE CERTIFICATE:**

**Product:** DEV-53101 APPLE FRAGRANCE

### **COMPULSORY INFORMATION:**

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 51st Amendment to the IFRA Standards (published June, 2023), provided it is used in the following category(ies) at a maximum concentration level of:

<b><i>IFRA Category(ies) [see Table 12 in Guidance for the use of IFRA Standards for details]</i></b>	<b><i>Level of use (%)*</i></b>
<b><i>Category 1</i></b>	<b><i>0.00</i></b>
<b><i>Category 2</i></b>	<b><i>5.80</i></b>
<b><i>Category 3</i></b>	<b><i>15.20</i></b>
<b><i>Category 4</i></b>	<b><i>100.00</i></b>
<b><i>Category 5A</i></b>	<b><i>27.33</i></b>
<b><i>Category 5B</i></b>	<b><i>27.33</i></b>
<b><i>Category 5C</i></b>	<b><i>27.33</i></b>
<b><i>Category 5D</i></b>	<b><i>9.33</i></b>
<b><i>Category 6</i></b>	<b><i>0.00</i></b>
<b><i>Category 7A</i></b>	<b><i>30.40</i></b>
<b><i>Category 7B</i></b>	<b><i>30.40</i></b>
<b><i>Category 8</i></b>	<b><i>9.33</i></b>
<b><i>Category 9</i></b>	<b><i>92.00</i></b>
<b><i>Category 10A</i></b>	<b><i>92.00</i></b>
<b><i>Category 10B</i></b>	<b><i>100.00</i></b>
<b><i>Category 11A</i></b>	<b><i>9.33</i></b>
<b><i>Category 11B</i></b>	<b><i>9.33</i></b>
<b><i>Category 12</i></b>	<b><i>100.00</i></b>

*\*Actual use level or maximum use level*

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact the certifying party.

Disclaimer: This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents. This certificate is the responsibility of the fragrance supplier issuing it. It has not been prepared or endorsed by IFRA in any way.

**OPTIONAL INFORMATION:****Product:** DEV-53101 APPLE FRAGRANCE

Information about presence and concentration of fragrance ingredients subject to IFRA Standards in the fragrance mixture named above is as follows:

<b>Materials under the scope of IFRA Standards:</b>	<b>CAS number(s):</b>	<b>Recommendation from IFRA Standard:</b>	<b>Concentration (%) in fragrance mixture or finished product:</b>
2-Phenylpropionaldehyde	93-53-8		0.15
Cyclamen aldehyde	103-95-7	Specification: Cyclamen aldehyde should not contain more than 1.5% of Cyclamen alcohol.	0.25
Dimethylcyclohex-3-ene-1-carbaldehyde (mixed isomers)	68039-49-6	Restriction: The above limits apply to Dimethylcyclohexen-3-ene-1-carbaldehyde (mixed isomers) used individually or in combination. The sum of concentrations of Dimethylcyclohexen-3-ene-1-carbaldehyde isomers should not exceed the maximum concentration levels established by this Standard.	0.25
Isocyclocitral	1335-66-6		0.20
Cinnamic alcohol	104-54-1		0.25
Eugenol	97-53-0		0.10
$\alpha$ -Hexyl cinnamic aldehyde	101-86-0		0.25

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Linalool	78-70-6	Specification: Oxidation products of Linalool, especially hydroperoxides, have been demonstrated to be potent sensitizers. d-, l- and dl-Linalool and natural products containing substantial amounts of it, should only be used when the level of (hydro)peroxides is kept to the lowest practical level, for instance by adding antioxidants at the time of production. The addition of 0.1% BHT or $\alpha$ -Tocopherol for example has shown great efficiency. Such products should have a peroxide value of less than 20 millimoles per liter, determined according to the IFRA analytical method for the determination of the peroxide value, which can be downloaded from the IFRA website ( <a href="http://www.ifrafragrance.org">www.ifrafragrance.org</a> ).	0.75
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Date: 19 Mar 2024

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Annex: Definition of IFRA Standard categories by product type

<b>Product type</b>	<b>Category</b>
Products applied to the lips	1
Products applied to the axillae	2
Products applied to the face/body using fingertips	3
Products related to fine fragrance	4
Products applied to the face and body using the hands (palms), primarily leave-on:	
----- Body lotion products applied to the body using the hands (palms), primarily leave on	5A
----- Face moisturizer products applied to the face using the hands (palms), primarily leave on	5B
----- Hand cream products applied to the hands using the hands (palms), primarily leave on	5C
----- Baby creams, baby oils and baby talc	5D
Products with oral and lip exposure	6
Products applied to the hair with some hand contact:	
----- Rinse-off products applied to the hair with some hand contact	7A
----- Leave-on products applied to the hair with some hand contact	7B
Products with significant anogenital exposure	8

Annex: Definition of IFRA Standard categories by product type - continued

<b>Product type</b>	<b>Category</b>
Products with body and hand exposure, primarily rinse off	9
Household care products with mostly hand contact:	
Household care excluding aerosol products (excluding aerosol/spray products)	10A
Household aerosol/spray products	10B
Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate:	
Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure	11A
Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure	11B
Products not intended for direct skin contact, minimal or insignificant transfer to skin	12



## Allergen Analysis

**Product:** DEV-53101 APPLE FRAGRANCE

Ingredient	CAS number(s):	Concentration present as a percentage (%) or "A" for absent
alpha-iso-Methylionone	127-51-5	A
Amyl Cinnamal	122-40-7	A
Amylcinnamyl Alcohol	101-85-9	A
Anise Alcohol	105-13-5	A
Benzyl Alcohol	100-51-6	A
Benzyl Benzoate	120-51-4	A
Benzyl Cinnamate	103-41-3	A
Benzyl Salicylate	118-58-1	A
Butylphenyl Methylpropional (Lilial)	80-54-6	A
Cinnamal	104-55-2	A
Cinnamyl Alcohol	104-54-1	0.25
Citral	106-26-3, 141-27-5, 5392-40-5	A
Citronellol	106-22-9, 1117-61-9, 141-25-3, 26489-01-0, 6812-78-8, 7540-51-4	A
Coumarin	91-64-5	A
Eugenol	97-53-0	0.10
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A
Farnesol	106-28-5, 16106-95-9, 3790-71-4, 3879-60-5, 4602-84-0	A
Geraniol	106-24-1	A
Hexyl Cinnamal	101-86-0	0.25
Hydroxycitronellal	107-75-5	A
Isoeugenol	5932-68-3, 97-54-1	A
Limonene	138-86-3, 5989-27-5, 5989-54-8, 7705-14-8	A
Linalool	126-90-9, 126-91-0, 78-70-6	0.75
Methyl 2-Octynoate	111-12-6	A

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