



## SAFETY DATA SHEET

CLP: REACH Regulation (EU) 2020/878  
Code Number DEV-53068  
Version 8 Revised 11/06/2024 09:24:09

Printed on 11 Jun 2024

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

#### 1.1 Product Identifier

Product Name	BERRIES FRAGRANCE
Code Number	DEV-53068
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

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

Skin Sens. 1B; H317

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

H317 May cause an allergic skin reaction  
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  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P333+P313 If skin irritation or rash occurs: Get medical advice.  
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 alpha-iso-Methylionone, Amyl Cinnamal, Benzyl Salicylate, Citral, Eugenol, Geraniol, Limonene 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.

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

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## Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc. (%)	SCL / ATE / M-Factor
CAS 105-53-3 EINECS 203-305-9 REACH	Diethyl malonate (Diethyl propandioate) Eye Irrit. 2;H319	>=3%,<5%	
CAS 88-41-5 EINECS 201-828-7 REACH	Verdox (ortho-tert.-Butyl cyclohexyl acetate) Aquatic Chronic 2;H411	>=1%,<3%	
CAS 54830-99-8 EINECS 259-367-2 REACH	Tricyclodecanyl acetate Aquatic Chronic 3;H412	>=1%,<3%	
CAS 122-40-7 EINECS 204-541-5 REACH	alpha-Amyl cinnamic aldehyde (ACA) (2-Pentyl-3-phenyl-2-propen-1-al) Skin Sens. 1B;H317,Aquatic Chronic 2;H411	>=1%,<3%	
CAS 106-24-1 EINECS 203-377-1 REACH	Geraniol (3,7-Dimethyl-2,6-octadien-1-ol) Skin. Irrit. 2;H315,Skin Sens. 1;H317,Eye Dam. 1;H318	>=1%,<3%	
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	>=1%,<3%	
CAS 127-51-5 EINECS 204-846-3 REACH	alpha-iso-Methylionone (gamma-Methylionone) (Iraldiene-gamma) Skin. Irrit. 2;H315,Skin Sens. 1B;H317,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 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 118-58-1 EINECS 204-262-9 REACH	Benzyl salicylate (Phenylmethyl-2-hydroxybenzoate) Skin Sens. 1B;H317,Eye Irrit. 2;H319,Aquatic Chronic 3;H412	>=0.1%,<1%	
CAS 123-92-2 EINECS 204-662-3 REACH	iso-Amyl acetate (3-Methyl butyl acetate / Isopentyl acetate) (OEL [1] 200mg/kg) Flam. Liq. 3;H226	>=0.1%,<1%	
CAS 77-83-8 EINECS 201-061-8 REACH	Aldehyde C-16 fraise (Strawberry aldehyde) (Et-me-ph glycidate) Skin Sens. 1B;H317,Aquatic Chronic 2;H411	>=0.1%,<1%	

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CAS 1506-02-1 EINECS 216-133-4 REACH	6-Acetyl-1,1,2,4,4,7-hexamethyltetraline (Tonalide,Fixolide,AHTN) Acute Tox. 4;H302,Aquatic Acute 1;H400,Aquatic Chronic 1;H410	>=0.1%,<1%	LD50(oral): 1000 mg/kg
CAS 5392-40-5 EINECS 226-394-6 REACH	Citral Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Eye Irrit. 2;H319	>=0.1%,<1%	

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

[1] Substance with a Union workplace exposure limit

## 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

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## 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

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

Soak up spillage with sand or other inert absorbant material such as earth or vemiculite; 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:

European Union

(2019/1831, 2019/983, 2019/130, 2017/2398, 2017/164, 2009/161, 2006/15/EC, 2000/39/EC, 98/24/EC, 91/322/EEC)

CAS	8 hours (mgm3)	8 hours (ppm)	Short-term (mg/m3)	Short-term (ppm)	Notes
123-92-2	270	50	540	100	

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## 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.

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

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## 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

### 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

6-Acetyl-1,1,2,4,4,7-hexamethyltetraline  
(Tonalide, Fixolide, AHTN) CAS: 1506-02-1

LD50(oral): 1000 mg/kg LD50(dermal): Not applicable  
LC50(inhalation): Not applicable

n-Hexanol (Hexyl alcohol) (Alcohol C-6)  
L(Xn,R22)=25% CAS: 111-27-3

LD50(oral): 500 mg/kg LD50(dermal): 1750 mg/kg  
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

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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

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

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### Other information

No data

### Section 12: Ecological information

#### 12.1 Toxicity

#### 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

### 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)

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### 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.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P337+P313	If eye irritation persists: Get medical attention.
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

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SS 1B	Skin sensitisation, category 1B
EDI 1	Eye damage/irritation, category 1
EDI 2A	Eye damage/irritation, category 2A
EDI 2	Eye damage/irritation, category 2
ATI 3	Acute toxicity, inhalation, category 3
REP 2	Reproductive toxicity, category 2
EH A1	Aquatic hazard, acute, category 1
EH A2	Aquatic hazard, acute, category 2
EH C1	Aquatic hazard, chronic, 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
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
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H361	Suspected of damaging fertility or the unborn child
H400	Very toxic to aquatic life
H401	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

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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-53068 BERRIES 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>16.67</i></b>
<b><i>Category 3</i></b>	<b><i>13.83</i></b>
<b><i>Category 4</i></b>	<b><i>100.00</i></b>
<b><i>Category 5A</i></b>	<b><i>80.00</i></b>
<b><i>Category 5B</i></b>	<b><i>17.02</i></b>
<b><i>Category 5C</i></b>	<b><i>23.94</i></b>
<b><i>Category 5D</i></b>	<b><i>5.85</i></b>
<b><i>Category 6</i></b>	<b><i>0.00</i></b>
<b><i>Category 7A</i></b>	<b><i>13.83</i></b>
<b><i>Category 7B</i></b>	<b><i>13.83</i></b>
<b><i>Category 8</i></b>	<b><i>5.85</i></b>
<b><i>Category 9</i></b>	<b><i>79.79</i></b>
<b><i>Category 10A</i></b>	<b><i>73.33</i></b>
<b><i>Category 10B</i></b>	<b><i>100.00</i></b>
<b><i>Category 11A</i></b>	<b><i>5.85</i></b>
<b><i>Category 11B</i></b>	<b><i>5.85</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-53068 BERRIES 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>
4-(4-Hydroxyphenyl)butan-2-one	5471-51-2		0.50
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.	0.03
p-Methoxybenzaldehyde	123-11-5		0.13
Methyl ionone, mixed isomers	127-51-5	Restriction: The above limits apply to Methyl ionone isomers used individually or in combination. Specification: Pseudo methyl ionones (CAS numbers 26651-96-7, 72968-25-3, 1117-41-5) should not be used as fragrance ingredient as such. A level of up to 2% of Pseudo methyl ionones as an impurity in Methyl ionones is accepted.	0.31
alpha-Amyl cinnamic aldehyde	122-40-7		1.88
Benzyl salicylate	118-58-1		0.50
Citral	5392-40-5		0.13

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Eugenol	97-53-0		0.13
Geraniol	106-24-1		1.50
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> ).	1.75

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-53068 BERRIES FRAGRANCE

Ingredient	CAS number(s):	Concentration present as a percentage (%) or "A" for absent
alpha-iso-Methylionone	127-51-5	0.31
Amyl Cinnamal	122-40-7	1.88
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	0.50
Butylphenyl Methylpropional (Lilial)	80-54-6	A
Cinnamal	104-55-2	A
Cinnamyl Alcohol	104-54-1	A
Citral	106-26-3, 141-27-5, 5392-40-5	0.13
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	0.13
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	1.50
Hexyl Cinnamal	101-86-0	A
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	1.75
Methyl 2-Octynoate	111-12-6	A

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.