

Issue date: 25/03/2022 Version: 3 (05/12/2021)

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: SUMMER FLOWERS

Version: 3

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

#### 1.1 Product Identifier

Product identifier: SUMMER FLOWERS (Contains: PARA TERTIARY BUTYL CYCLO HEXYL ACETATE,

citronellol, hexyl cinnamic aldehyde, iso eugenol)

Other identifiers: None

#### 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: LiveMoor

Company address: Unit 1, Haxter Court, Broadley Park Road, Plymouth, PL6 7FS

Contact: Carl Coysh

E-Mail address: info@livemoor.co.uk

Company phone: +44 1752 695 220

#### 1.1 Emergency telephone number

**Emergency phone:** +44 1752 695220

## 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 - Acute Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2

H317, May cause an allergic skin reaction.

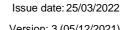
H319, Causes serious eye irritation. H400, Very toxic to aquatic life.

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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H317, May cause an allergic skin reaction. **Hazard statements:** 

> H319, Causes serious eye irritation. H400, Very toxic to aquatic life.

H411, Toxic to aquatic life with long lasting effects.

**Supplemental** 

EUH208, Contains (2-methyl-3-(p-isopropylphenyl)propionaldehyde),

Information:

ADOXAL/FARANAL/ALDAROM, Methyl Heptine Carbonate, alpha iso methyl ionone, eugenol,

phenylacetaldehyde 100%. May produce an allergic reaction.

**Precautionary** statements:

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.

P337/313, If eye irritation persists: 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.



**Pictograms:** 

#### 2.3 Other hazards

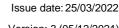
Other hazards: None

## Section 3. Composition / information on ingredients

## 3.2 Mixtures

#### **Contains:**

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Phenyl Ethyl Alcohol	60-12-8	200-456-2			ATO 4-EDI 2;H302- H319,-
hexyl cinnamic aldehyde	101-86-0	202-983-3			SS 1B-EH A1-EH C2; H317-H400-H411,-



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AMYL SALICYLATE	2050-08-0	218-080-2	13.40%	ATO 4-EH A1-EH C1; H302-H410,-	
BENZYL ACETATE	140-11-4	205-399-7	13.00%	EH C3;H412,-	
citronellol	106-22-9	203-375-0	4.00%	SCI 2-EDI 2-SS 1B; H315-H317-H319,-	
PARA TERTIARY BUTYL CYCLO HEXYL ACETATE	32210-23-4	250-954-9	4.00%	SS 1B;H317,-	
alpha iso methyl ionone	127-51-5	204-846-3	2.00%	SS 1B-EH C2;H317- H411,-	
(2-methyl-3-(p- isopropylphenyl) propionaldehyde)	103-95-7	203-161-7	1.15%	SCI 2-SS 1B-EH C3; H315-H317-H412,-	
iso eugenol	97-54-1	202-590-7	1.05%	ATO 4-ATD 4-ATI 4- SCI 2-EDI 2-SS 1A- STO-SE 3(RI);H302- H312-H315-H317- H319-H332-H335,-	
eugenol	97-53-0	202-589-1	0.95%	EDI 2-SS 1B;H317- H319,-	
phenylacetaldehyde 100%	122-78-1	204-574-5	0.26%	ATO 4-SCI 1B-EDI 1- SS 1B-EH C3;H302- H314-H317-H412,-	
ADOXAL/FARANAL/AL DAROM	141-13-9	205-460-8	0.17%	SS 1B-EH A1-EH C1; H317-H410,-	
Methyl Heptine Carbonate	111-12-6	203-836-6	0.08%	SS 1A-EH A1-EH C3; H317-H400-H412,-	

## **Substances with Community workplace exposure limits:**

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.



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#### **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.



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#### Section 8. Exposure controls/personal protection

#### 8.1 Control parameters

Workplace exposure limits: Not Applicable

#### 8.2 Exposure Controls

#### **Eye / Skin Protection**

Wear protective gloves/eye protection/face protection

### **Respiratory Protection**

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) 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:

Odour:

Not determined

Odour threshold:

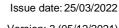
Not determined

Flash point: 96 °C

**Evaporation rate:** Not determined Flammability (solid, gas): Not determined

Upper/lower flammability or explosive limits: Product does not present an explosion hazard

Not determined Vapour pressure: Not determined Vapour density: 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



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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 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).

Based on available data the classification criteria are not met. **Acute Toxicity:** 

2825 **Acute Toxicity Oral** >5000 **Acute Toxicity Dermal** 

Not Available Acute Toxicity Inhalation

Skin corrosion/irritation: Based on available data the classification criteria are not met.

Eye Damage / Irritation Category 2 Serious eye damage/irritation: Sensitization - Skin Category 1 Respiratory or skin sensitisation:

Based on available data the classification criteria are not met. Germ cell mutagenicity: Carcinogenicity: Based on available data the classification criteria are not met. 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: STOT-repeated exposure: Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. **Aspiration hazard:** 

## Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
AMYL SALICYLATE	2050-08-0	218-080-2	2000	Not available	Not available	Not available



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Phenyl Ethyl Alcohol	60-12-8	200-456-2	1610	2500	Not available	Not available
iso eugenol	97-54-1	202-590-7	500	1912	1.5	Dust/mist mg/l

Refer to Sections 2 and 3 for additional information.

#### Section 12. Ecological information

#### 12.1 Toxicity:

Very toxic to aquatic life.

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 available

12.5 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:** UN3082

**14.2 UN Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(AMYL SALICYLATE, hexyl cinnamic aldehyde)

14.3 Transport hazard class(es): 9

Sub Risk: -

14.4. Packing Group:

**14.5 Environmental hazards:** This is an environmentally hazardous substance.

**14.6 Special precautions for user:** None additional

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

Not applicable

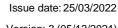
#### Section 15. Regulatory information

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

#### None additional

## 15.2 Chemical Safety Assessment

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



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**Section 16. Other information** 

**Concentration % Limits:** EH A1=92.70% EH C2=16.55% EH C3=1.64% EH C4=57.98% EDI 2=32.

41% SS 1=7.46%

**Total Fractional Values:** EH A1=1.08 EH C2=6.04 EH C3=61.01 EH C4=1.72 EDI 2=3.09 SS 1=13.

40

**Key to revisions:** 

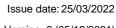
14.2. UN proper shipping name

Classification under Regulation (EC) No 1272/2008

Product identifier

## Key to abbreviations:

Abbreviation	Meaning
ATD 4	Acute Toxicity - Dermal Category 4
ATI 4	Acute Toxicity - Inhalation Category 4
ATO 4	Acute Toxicity - Oral Category 4
EDI 1	Eye Damage / Irritation Category 1
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
H302	Harmful if swallowed.
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.
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.



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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.
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.
P391	Collect spillage.
P403/233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 1B	Skin Corrosion / Irritation Category 1B
SCI 2	Skin Corrosion / Irritation Category 2
SS 1A	Sensitization - Skin Category 1A
SS 1B	Sensitization - Skin Category 1B
STO-SE 3(RI)	Specific Target Organ Toxicity (Single Exposure) Category 3

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.