

**RASPBERRIES
FRAGRANCE OIL
SKU-AA-AVIETES****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1 Product identifier:** RASPBERRIES
FRAGRANCE OIL
SKU-AA-AVIETES
- Other means of identification:**
- UFI:** AGNY-ANWW-S000-7MWP
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- Relevant uses: Product fragrance mixture
- Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
- Balsius, UAB
Valerijono Protasevičiaus g. 2
08462 Vilnius Lithuania
Phone: +37061173333
info@soyacandles.lt

<https://soyacandles.lt>
- 1.4 Emergency telephone number:** (Lithuania) +370 5 236 20 52, (Europe) 112

SECTION 2: HAZARDS IDENTIFICATION **

- 2.1 Classification of the substance or mixture:**
- CLP Regulation (EC) No 1272/2008:**
- Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
- Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
Skin Sens. 1B: Sensitisation, skin, Category 1B, H317
- 2.2 Label elements:**
- CLP Regulation (EC) No 1272/2008:**
- Warning**
- 
- Hazard statements:**
- Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Skin Sens. 1B: H317 - May cause an allergic skin reaction.
- Precautionary statements:**
- P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P261: Avoid breathing dust
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/protective footwear.
P302+P352: IF ON SKIN: Wash with plenty of water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P501: Dispose of contents/container according to the separated collection system used in your municipality.
- Supplementary information:**
- Contains (E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one.
- Substances that contribute to the classification**
- Ethyl 2,3-epoxy-3-phenylbutyrate; Methyl cinnamate
- UFI:** AGNY-ANWW-S000-7MWP
- 2.3 Other hazards:**

** Changes with regards to the previous version

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SECTION 2: HAZARDS IDENTIFICATION ** (continued)

Product does not meet PBT/vPvB criteria
 Endocrine-disrupting properties: The product does not meet the criteria.

** Changes with regards to the previous version

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture of substances

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification		Concentration
CAS: 104-67-6 EC: 203-225-4 Index: Non-applicable REACH: 01-2119959333-34-XXXX	Undecan-4-olide⁽¹⁾ Self-classified		2,5 - <10 %
	Regulation 1272/2008	Aquatic Chronic 3: H412	
CAS: 79-77-6 EC: 201-224-3 Index: Non-applicable REACH: 01-2119449921-34-XXXX	(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one⁽¹⁾ Self-classified		2,5 - <10 %
	Regulation 1272/2008	Aquatic Chronic 2: H411 	
CAS: 628-63-7 EC: 211-047-3 Index: 607-130-00-2 REACH: Non-applicable	Pentyl acetate⁽²⁾ ATP CLP00		2,5 - <10 %
	Regulation 1272/2008	Flam. Liq. 3: H226; EUH066 - Warning 	
CAS: 105-54-4 EC: 203-306-4 Index: Non-applicable REACH: 01-2120118576-54-XXXX	Ethyl butyrate⁽¹⁾ Self-classified		2,5 - <10 %
	Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 3: H226 - Warning  	
CAS: 77-83-8 EC: 201-061-8 Index: Non-applicable REACH: 01-2119967770-28-XXXX	Ethyl 2,3-epoxy-3-phenylbutyrate⁽¹⁾ Self-classified		2,5 - <10 %
	Regulation 1272/2008	Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning  	
CAS: 103-26-4 EC: 203-093-8 Index: Non-applicable REACH: 01-2119979458-16-XXXX	Methyl cinnamate⁽¹⁾ Self-classified		<2,5 %
	Regulation 1272/2008	Skin Sens. 1B: H317 - Warning 	
CAS: 4940-11-8 EC: 225-582-5 Index: Non-applicable REACH: 01-2120758795-36-XXXX	2-ethyl-3-hydroxy-4-pyrone⁽¹⁾ Self-classified		<2,5 %
	Regulation 1272/2008	Acute Tox. 4: H302 - Warning 	
CAS: 23726-91-2 EC: 245-842-1 Index: Non-applicable REACH: 01-2120094433-55-XXXX	(E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one⁽¹⁾ Self-classified		<2,5 %
	Regulation 1272/2008	Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning  	

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

⁽²⁾ Substance with a Union workplace exposure limit

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

Identification	Acute toxicity		Genus
2-ethyl-3-hydroxy-4-pyrone CAS: 4940-11-8 EC: 225-582-5	LD50 oral	1200 mg/kg	Rat
	LD50 dermal	Not relevant	
	LC50 inhalation	Not relevant	

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**RASPBERRIES
FRAGRANCE OIL
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The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed:

Not relevant

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media:****Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures:****For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

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SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 5 °C

Maximum Temp.: 30 °C

Maximum time: 6 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational exposure limits		
Pentyl acetate CAS: 628-63-7 EC: 211-047-3	IOELV (8h)	50 ppm	270 mg/m ³
	IOELV (STEL)	100 ppm	540 mg/m ³

DNEL (Workers):

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Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

RASPBERRIES FRAGRANCE OIL SKU-AA-AVIETES

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one CAS: 79-77-6 EC: 201-224-3	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	6 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	12,7 mg/m ³	Not relevant
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	2,33 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	49,3 mg/m ³	Not relevant
Ethyl 2,3-epoxy-3-phenylbutyrate CAS: 77-83-8 EC: 201-061-8	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0,7 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	2,45 mg/m ³	Not relevant
Methyl cinnamate CAS: 103-26-4 EC: 203-093-8	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	4 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	28,2 mg/m ³	Not relevant
2-ethyl-3-hydroxy-4-pyrone CAS: 4940-11-8 EC: 225-582-5	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	5,6 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	19,7 mg/m ³	Not relevant

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one CAS: 79-77-6 EC: 201-224-3	Oral	Not relevant	Not relevant	1,8 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	3,6 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	3,1 mg/m ³	Not relevant
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	Oral	Not relevant	Not relevant	0,833 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,833 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	7,4 mg/m ³	Not relevant
Ethyl 2,3-epoxy-3-phenylbutyrate CAS: 77-83-8 EC: 201-061-8	Oral	Not relevant	Not relevant	0,35 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,35 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,61 mg/m ³	Not relevant
Methyl cinnamate CAS: 103-26-4 EC: 203-093-8	Oral	Not relevant	Not relevant	2 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	2 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	6,96 mg/m ³	Not relevant
2-ethyl-3-hydroxy-4-pyrone CAS: 4940-11-8 EC: 225-582-5	Oral	Not relevant	Not relevant	2 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	2 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	3,48 mg/m ³	Not relevant

PNEC:

Identification					
(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one CAS: 79-77-6 EC: 201-224-3	STP	1 mg/L	Fresh water	0,004 mg/L	
	Soil	0,051 mg/kg	Marine water	0 mg/L	
	Intermittent	0,04 mg/L	Sediment (Fresh water)	0,151 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,015 mg/kg	
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	STP	23,6 mg/L	Fresh water	0,0297 mg/L	
	Soil	0,0171 mg/kg	Marine water	0,00297 mg/L	
	Intermittent	1 mg/L	Sediment (Fresh water)	0,173 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,0173 mg/kg	
Ethyl 2,3-epoxy-3-phenylbutyrate CAS: 77-83-8 EC: 201-061-8	STP	10 mg/L	Fresh water	0,008 mg/L	
	Soil	0,038 mg/kg	Marine water	0,0084 mg/L	
	Intermittent	0,084 mg/L	Sediment (Fresh water)	0,214 mg/kg	
	Oral	0,0233 g/kg	Sediment (Marine water)	0,021 mg/kg	
Methyl cinnamate CAS: 103-26-4 EC: 203-093-8	STP	1,81 mg/L	Fresh water	0,00276 mg/L	
	Soil	0,013 mg/kg	Marine water	0,000276 mg/L	
	Intermittent	0,0276 mg/L	Sediment (Fresh water)	0,074 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,0074 mg/kg	

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
2-ethyl-3-hydroxy-4-pyrone CAS: 4940-11-8 EC: 225-582-5	STP	1,55 mg/L	Fresh water	0,0072 mg/L
	Soil	0,049 mg/kg	Marine water	0,00072 mg/L
	Intermittent	Not relevant	Sediment (Fresh water)	0,269 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,027 mg/kg

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

Not relevant

D.- Eye and face protection

Not relevant

E.- Body protection

Not relevant

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	8,7 % weight
V.O.C. density at 20 °C:	80,72 kg/m ³ (80,72 g/L)
Average carbon number:	6,64
Average molecular weight:	123,52 g/mol

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES **

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:	Not available
Appearance:	Not available
Colour:	Light yellow
Odour:	Not available
Odour threshold:	Not relevant *

Volatility:

Boiling point at atmospheric pressure:	Not relevant *
Vapour pressure at 20 °C:	Not relevant *
Vapour pressure at 50 °C:	Not relevant *
Evaporation rate at 20 °C:	Not relevant *

Product description:

*Not relevant due to the nature of the product, not providing information property of its hazards.

** Changes with regards to the previous version

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES ** (continued)

Density at 20 °C:	927,8 kg/m ³
Relative density at 20 °C:	0,928
Dynamic viscosity at 20 °C:	Not relevant *
Kinematic viscosity at 20 °C:	Not relevant *
Kinematic viscosity at 40 °C:	Not relevant *
Concentration:	Not relevant *
pH:	8
Vapour density at 20 °C:	Not relevant *
Partition coefficient n-octanol/water 20 °C:	Not relevant *
Solubility in water at 20 °C:	Not relevant *
Solubility properties:	Not relevant *
Decomposition temperature:	Not relevant *
Melting point/freezing point:	Not relevant *
Flammability:	
Flash Point:	Non-applicable
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	192 °C
Lower flammability limit:	Not relevant *
Upper flammability limit:	Not relevant *
Particle characteristics:	
Median equivalent diameter:	Non-applicable

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Not relevant *
Oxidising properties:	Not relevant *
Corrosive to metals:	Not relevant *
Heat of combustion:	Not relevant *
Aerosols-total percentage (by mass) of flammable components:	Not relevant *

Other safety characteristics:

Surface tension at 20 °C:	Not relevant *
Refraction index:	Not relevant *

*Not relevant due to the nature of the product, not providing information property of its hazards.

** Changes with regards to the previous version

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

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SECTION 10: STABILITY AND REACTIVITY (continued)

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:**

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: Bis(2-ethylhexyl) adipate (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

H- Aspiration hazard:

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Undecan-4-olide CAS: 104-67-6 EC: 203-225-4	LD50 oral	18500 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
2-ethyl-3-hydroxy-4-pyrone CAS: 4940-11-8 EC: 225-582-5	LD50 oral	1200 mg/kg (ATEi)	Rat
	LD50 dermal		
	LC50 inhalation		
Methyl cinnamate CAS: 103-26-4 EC: 203-093-8	LD50 oral	2610 mg/kg	
	LD50 dermal		
	LC50 inhalation		
(E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one CAS: 23726-91-2 EC: 245-842-1	LD50 oral	2920 mg/kg	
	LD50 dermal		
	LC50 inhalation		

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not relevant

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Harmful to aquatic life with long lasting effects.

12.1 Toxicity:

Acute toxicity:

Identification	Concentration	Species	Genus
Undecan-4-olide CAS: 104-67-6 EC: 203-225-4	LC50 >10 - 100 mg/L (96 h)		Fish
	EC50 >10 - 100 mg/L (48 h)		Crustacean
	EC50 >10 - 100 mg/L (72 h)		Algae
(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one CAS: 79-77-6 EC: 201-224-3	LC50 5,09 mg/L (96 h)	Pimephales promelas	Fish
	EC50 1 mg/L (48 h)	Daphnia magna	Crustacean
	EC50 20,9 mg/L (72 h)	Scenedesmus subspicatus	Algae
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	LC50 100 mg/L (96 h)	Danio rerio	Fish
	EC50 116,6 mg/L (48 h)	Daphnia magna	Crustacean
	EC50 100 mg/L (72 h)	Desmodesmus subspicatus	Algae
Ethyl 2,3-epoxy-3-phenylbutyrate CAS: 77-83-8 EC: 201-061-8	LC50 4,2 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50 52 mg/L (48 h)	Daphnia magna	Crustacean
	EC50 36 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
(E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one CAS: 23726-91-2 EC: 245-842-1	LC50 Not relevant		
	EC50 9,5 mg/L (48 h)	Daphnia magna	Crustacean
	EC50 8,8 mg/L (72 h)	N/A	Algae

Chronic toxicity:

Identification	Concentration	Species	Genus
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	NOEC 1,483 mg/L	N/A	Fish
	NOEC 28,833 mg/L	Daphnia magna	Crustacean

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SECTION 12: ECOLOGICAL INFORMATION (continued)

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	BOD5	Not relevant	Concentration	4 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	76,5 %
Ethyl 2,3-epoxy-3-phenylbutyrate CAS: 77-83-8 EC: 201-061-8	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	53 %
(E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one CAS: 23726-91-2 EC: 245-842-1	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	0 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	BCF	8
	Pow Log	1.35
	Potential	Low

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Pentyl acetate CAS: 628-63-7 EC: 211-047-3	Koc	Not relevant	Henry	Not relevant
	Conclusion	Not relevant	Dry soil	Not relevant
	Surface tension	2,51E-2 N/m (25 °C)	Moist soil	Not relevant
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	Koc	22181	Henry	Not relevant
	Conclusion	Immobile	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
Ethyl 2,3-epoxy-3-phenylbutyrate CAS: 77-83-8 EC: 201-061-8	Koc	240	Henry	Not relevant
	Conclusion	Moderate	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
07 01 04*	other organic solvents, washing liquids and mother liquors	Hazardous

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

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**RASPBERRIES
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SKU-AA-AVIETES****SECTION 13: DISPOSAL CONSIDERATIONS (continued)**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION **

This product is not regulated for transport (ADR/RID,IMDG,IATA)

*** Changes with regards to the previous version*

SECTION 15: REGULATORY INFORMATION ****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

Seveso III:

Not relevant

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Not relevant

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

*** Changes with regards to the previous version*

SECTION 16: OTHER INFORMATION ****Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- Pictograms
- Hazard statements
- Precautionary statements

Information on basic physical and chemical properties (SECTION 9):

- Flash Point

TRANSPORT INFORMATION (SECTION 14):

- UN number
- Packing group

REGULATORY INFORMATION (SECTION 15):

- Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc)

Texts of the legislative phrases mentioned in section 2:

H412: Harmful to aquatic life with long lasting effects.

H317: May cause an allergic skin reaction.

*** Changes with regards to the previous version*

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**RASPBERRIES
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SKU-AA-AVIETES****SECTION 16: OTHER INFORMATION ** (continued)****Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H302 - Harmful if swallowed.

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1B: H317 - May cause an allergic skin reaction.

Classification procedure:

Aquatic Chronic 3: Calculation method

Skin Sens. 1B: Calculation method

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

**** Changes with regards to the previous version**

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -