

**E702005 - Edge Wave 2.0
Cucumber Melon - Pink**

Printing: 04/08/2022

Date of compilation: 16/05/2022

Revised: 24/06/2022

Version: 2 (Replaced 1)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: E702005 - Edge Wave 2.0
Cucumber Melon - Pink

Other means of identification:

Non-applicable

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant uses: Air freshener. For professional users only.

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:

Piazza BV
Vlimmersebaan 136 Unit 6
2275 Wechelderzande - Belgium
Phone: +32 3 366 25 45
sales@piazza.be
www.piazza.be

1.4 Emergency telephone number: +32 3 366 25 45 mo-fr 9h-15h30

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

Eye Irrit. 2: Eye irritation, Category 2, H319

Repr. 1B: Reproductive toxicity, Category 1B, H360Fd

Skin Sens. 1B: Sensitisation, skin, Category 1B, H317

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Danger

**Hazard statements:**

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

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

Repr. 1B: H360Fd - May damage fertility. Suspected of damaging the unborn child.

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

Precautionary statements:

P201: Obtain special instructions before use.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/protective footwear.

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

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313: IF exposed or concerned: Get medical advice/attention.

P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

Supplementary information:

Contains Amyl cinnamal, Cinnamal.

Substances that contribute to the classification

2-(4-tert-butylbenzyl) propionaldehyde; Linalool

Additional Labelling:

** Changes with regards to the previous version

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SECTION 2: HAZARDS IDENTIFICATION ** (continued)

Restricted to professional users

2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

Endocrine-disrupting properties: The product fails to 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: 120-51-4 EC: 204-402-9 Index: 607-085-00-9 REACH: 01-2119976371-33-XXXX	Benzyl benzoate⁽¹⁾	Self-classified	7,5 - <10,01 %
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 2: H411 - Warning	
CAS: 112-31-2 EC: 203-957-4 Index: Non-applicable REACH: 01-2119967771-26-XXXX	Decanal⁽¹⁾	Self-classified	2,5 - <3,76 %
	Regulation 1272/2008	Aquatic Chronic 3: H412; Eye Irrit. 2: H319 - Warning	
CAS: 10482-56-1 EC: 233-986-8 Index: Non-applicable REACH: Non-applicable	P-menth-1-en-8-ol⁽¹⁾	Self-classified	1,25 - <2,51 %
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Warning	
CAS: 122-99-6 EC: 204-589-7 Index: 603-098-00-9 REACH: 01-2119488943-21-XXXX	2-phenoxyethanol⁽¹⁾	ATP CLP00	1,25 - <2,51 %
	Regulation 1272/2008	Acute Tox. 4: H302; Eye Irrit. 2: H319 - Warning	
CAS: 104-55-2 EC: 203-213-9 Index: Non-applicable REACH: 01-2119935242-45-XXXX	Cinnamal⁽¹⁾	Self-classified	1 - <1,26 %
	Regulation 1272/2008	Acute Tox. 4: H312; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	
CAS: 80-54-6 EC: 201-289-8 Index: 605-041-00-3 REACH: 01-2119907954-30-XXXX	2-(4-tert-butylbenzyl) propionaldehyde⁽¹⁾	Self-classified	0,25 - <1,26 %
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Chronic 3: H412; Repr. 1B: H360Fd; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Danger	
CAS: 78-70-6 EC: 201-134-4 Index: 603-235-00-2 REACH: 01-2119474016-42-XXXX	Linalool⁽¹⁾	Self-classified	0,25 - <1,26 %
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 928-96-1 EC: 213-192-8 Index: Non-applicable REACH: 01-2119969743-23-XXXX	Cis-hex-3-en-1-ol⁽¹⁾	Self-classified	0,25 - <1,26 %
	Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 3: H226 - Warning	
CAS: 88-41-5 EC: 201-828-7 Index: Non-applicable REACH: Non-applicable	2-tert-butylcyclohexyl acetate⁽¹⁾	Self-classified	0,25 - <1,26 %
	Regulation 1272/2008	Aquatic Chronic 2: H411	
CAS: 122-40-7 EC: 204-541-5 Index: Non-applicable REACH: 01-2120740487-49-XXXX	Amyl cinnamal⁽¹⁾	Self-classified	0,02 - <0,26 %
	Regulation 1272/2008	Aquatic Chronic 2: H411; Skin Sens. 1: H317 - Warning	

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

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

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SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures:**

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:

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes on the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of 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:

Non-applicable

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:**

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

For emergency responders:

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SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

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 destroy using safe methods (section 6).

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

Due to its inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

C.- Technical recommendations on general occupational hygiene

PREGNANT WOMEN SHOULD NOT BE EXPOSED TO THIS PRODUCT. Transfer in designated areas that comply with the necessary safety conditions (emergency showers and eyewash stations in close proximity), using personal protection equipment, especially on the hands and face (See section 8). Limit manual transfers to small amounts only. Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal See sections 8 and 13.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

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):

Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Benzyl benzoate CAS: 120-51-4 EC: 204-402-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	2,6 mg/kg	Non-applicable
	Inhalation	102 mg/m ³	Non-applicable	5,1 mg/m ³	Non-applicable

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Decanal CAS: 112-31-2 EC: 203-957-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	14,1 mg/kg	Non-applicable	7,05 mg/kg	Non-applicable
	Inhalation	49,71 mg/m ³	124,28 mg/m ³	24,86 mg/m ³	62,14 mg/m ³
2-phenoxyethanol CAS: 122-99-6 EC: 204-589-7	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	20,83 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	5,7 mg/m ³	5,7 mg/m ³
Cinnamal CAS: 104-55-2 EC: 203-213-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,75 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	6,11 mg/m ³	Non-applicable
2-(4-tert-butylbenzyl) propionaldehyde CAS: 80-54-6 EC: 201-289-8	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,79 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	0,44 mg/m ³	Non-applicable
Linalool CAS: 78-70-6 EC: 201-134-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	3,5 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	24,58 mg/m ³	Non-applicable
Cis-hex-3-en-1-ol CAS: 928-96-1 EC: 213-192-8	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	3,33 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	11,75 mg/m ³	Non-applicable

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Benzyl benzoate CAS: 120-51-4 EC: 204-402-9	Oral	78 mg/kg	Non-applicable	0,4 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,3 mg/kg	Non-applicable
	Inhalation	25 mg/m ³	Non-applicable	1,25 mg/m ³	Non-applicable
Decanal CAS: 112-31-2 EC: 203-957-4	Oral	7,05 mg/kg	Non-applicable	3,52 mg/kg	Non-applicable
	Dermal	7,05 mg/kg	Non-applicable	3,52 mg/kg	Non-applicable
	Inhalation	12,26 mg/m ³	30,65 mg/m ³	6,13 mg/m ³	15,32 mg/m ³
2-phenoxyethanol CAS: 122-99-6 EC: 204-589-7	Oral	9,23 mg/kg	Non-applicable	9,23 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	10,42 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	2,41 mg/m ³	2,41 mg/m ³
Cinnamal CAS: 104-55-2 EC: 203-213-9	Oral	Non-applicable	Non-applicable	0,625 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,625 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	1,09 mg/m ³	Non-applicable
2-(4-tert-butylbenzyl) propionaldehyde CAS: 80-54-6 EC: 201-289-8	Oral	Non-applicable	Non-applicable	0,062 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,89 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	0,11 mg/m ³	Non-applicable
Linalool CAS: 78-70-6 EC: 201-134-4	Oral	Non-applicable	Non-applicable	2,49 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,25 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	4,33 mg/m ³	Non-applicable
Cis-hex-3-en-1-ol CAS: 928-96-1 EC: 213-192-8	Oral	Non-applicable	Non-applicable	1,67 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,67 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	2,9 mg/m ³	Non-applicable

PNEC:

Identification					
Benzyl benzoate CAS: 120-51-4 EC: 204-402-9	STP	100 mg/L	Fresh water	0,017 mg/L	
	Soil	2,12 mg/kg	Marine water	0,002 mg/L	
	Intermittent	Non-applicable	Sediment (Fresh water)	10,66 mg/kg	
	Oral	Non-applicable	Sediment (Marine water)	1,07 mg/kg	

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Decanal CAS: 112-31-2 EC: 203-957-4	STP	3,16 mg/L	Fresh water	0,00117 mg/L
	Soil	0,019 mg/kg	Marine water	0,000117 mg/L
	Intermittent	0,0117 mg/L	Sediment (Fresh water)	0,097 mg/kg
	Oral	0,313 g/kg	Sediment (Marine water)	0,01 mg/kg
2-phenoxyethanol CAS: 122-99-6 EC: 204-589-7	STP	36 mg/L	Fresh water	0,943 mg/L
	Soil	1,31 mg/kg	Marine water	0,094 mg/L
	Intermittent	3,44 mg/L	Sediment (Fresh water)	7,237 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,724 mg/kg
Cinnamal CAS: 104-55-2 EC: 203-213-9	STP	7,1 mg/L	Fresh water	0,008 mg/L
	Soil	0,0156 mg/kg	Marine water	0,0008 mg/L
	Intermittent	0,0321 mg/L	Sediment (Fresh water)	0,101 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0101 mg/kg
2-(4-tert-butylbenzyl) propionaldehyde CAS: 80-54-6 EC: 201-289-8	STP	10 mg/L	Fresh water	0,004 mg/L
	Soil	0,103 mg/kg	Marine water	0 mg/L
	Intermittent	0,024 mg/L	Sediment (Fresh water)	0,528 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,053 mg/kg
Linalool CAS: 78-70-6 EC: 201-134-4	STP	10 mg/L	Fresh water	0,2 mg/L
	Soil	0,327 mg/kg	Marine water	0,02 mg/L
	Intermittent	2 mg/L	Sediment (Fresh water)	2,22 mg/kg
	Oral	0,0078 g/kg	Sediment (Marine water)	0,222 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


Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Protective gloves against minor risks (Material: Butyl, Breakthrough time: 240 - 480 min, Thickness: 0.38 mm)			Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+A1:2010 and EN ISO 374-1:2016+A1:2018

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing			Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Anti-slip work shoes		EN ISO 20347:2012	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

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):	6,25 % weight
V.O.C. density at 20 °C:	59,2 kg/m ³ (59,2 g/L)
Average carbon number:	9,2
Average molecular weight:	144,68 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:	Solid
Appearance:	Not available
Colour:	 Pink
Odour:	Fruity
Odour threshold:	Non-applicable *

Volatility:

Boiling point at atmospheric pressure:	Non-applicable *
Vapour pressure at 20 °C:	Non-applicable *
Vapour pressure at 50 °C:	Non-applicable *
Evaporation rate at 20 °C:	Non-applicable *

Product description:

Density at 20 °C:	947,1 kg/m ³
Relative density at 20 °C:	0,947
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 40 °C:	Non-applicable *
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 20 °C:	Non-applicable *
Partition coefficient n-octanol/water 20 °C:	Non-applicable *

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

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Solubility in water at 20 °C: Non-applicable *
 Solubility properties: Non-applicable *
 Decomposition temperature: Non-applicable *
 Melting point/freezing point: Non-applicable *

Flammability:

Flash Point: Non-applicable
 Flammability (solid, gas): Non-applicable *
 Autoignition temperature: 235 °C
 Lower flammability limit: Non-applicable *
 Upper flammability limit: Non-applicable *

Explosive (Solid):

Lower explosive limit: Non-applicable *
 Upper explosive limit: Non-applicable *

Particle characteristics:

Median equivalent diameter: Non-applicable *

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties: Non-applicable *
 Oxidising properties: Non-applicable *
 Corrosive to metals: Non-applicable *
 Heat of combustion: Non-applicable *
 Aerosols-total percentage (by mass) of flammable components: Non-applicable *

Other safety characteristics:

Surface tension at 20 °C: Non-applicable *
 Refraction index: Non-applicable *

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

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.

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:

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.

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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: Produces eye damage after contact.

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: Non-applicable
- 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: May damage fertility. Suspected of damaging the unborn child.

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, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

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:

Non-applicable

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
	LD50 oral	LD50 dermal	
Benzyl benzoate CAS: 120-51-4 EC: 204-402-9	1500 mg/kg	4000 mg/kg	Rat
	Non-applicable		Rabbit
2-phenoxyethanol CAS: 122-99-6 EC: 204-589-7	1850 mg/kg	2250 mg/kg	Rat
	Non-applicable		Rabbit

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Identification	Acute toxicity		Genus
Cinnamal CAS: 104-55-2 EC: 203-213-9	LD50 oral	2100 mg/kg	Rat
	LD50 dermal	1100 mg/kg	Rat
	LC50 inhalation	Non-applicable	
Linalool CAS: 78-70-6 EC: 201-134-4	LD50 oral	3000 mg/kg	Rat
	LD50 dermal	5610 mg/kg	Rabbit
	LC50 inhalation	Non-applicable	
Decanal CAS: 112-31-2 EC: 203-957-4	LD50 oral	41750 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
P-menth-1-en-8-ol CAS: 10482-56-1 EC: 233-986-8	LD50 oral	4300 mg/kg	
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
2-(4-tert-butylbenzyl) propionaldehyde CAS: 80-54-6 EC: 201-289-8	LD50 oral	500 mg/kg (ATEi)	
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
Cis-hex-3-en-1-ol CAS: 928-96-1 EC: 213-192-8	LD50 oral	4615 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
2-tert-butylcyclohexyl acetate CAS: 88-41-5 EC: 201-828-7	LD50 oral	4600 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
Amyl cinnamal CAS: 122-40-7 EC: 204-541-5	LD50 oral	3730 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	

11.2 Information on other hazards:**Endocrine disrupting properties**

Endocrine-disrupting properties: The product fails to meet the criteria.

Other information

Non-applicable

SECTION 12: ECOLOGICAL INFORMATION

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

12.1 Toxicity:

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Acute toxicity:

Identification	Concentration	Species	Genus	
Benzyl benzoate CAS: 120-51-4 EC: 204-402-9	LC50	2,32 mg/L (96 h)	Danio rerio	Fish
	EC50	3,1 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	0,36 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
Decanal CAS: 112-31-2 EC: 203-957-4	LC50	>10 - 100 (96 h)		Fish
	EC50	>10 - 100 (48 h)		Crustacean
	EC50	>10 - 100 (72 h)		Algae
2-phenoxyethanol CAS: 122-99-6 EC: 204-589-7	LC50	344 mg/L (96 h)	Pimephales promelas	Fish
	EC50	488 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	443 mg/L (72 h)	Scenedesmus subspicatus	Algae
2-(4-tert-butylbenzyl) propionaldehyde CAS: 80-54-6 EC: 201-289-8	LC50	>10 - 100 (96 h)		Fish
	EC50	>10 - 100 (48 h)		Crustacean
	EC50	>10 - 100 (72 h)		Algae
Cis-hex-3-en-1-ol CAS: 928-96-1 EC: 213-192-8	LC50	381 mg/L (96 h)	Pimephales promelas	Fish
	EC50	Non-applicable		
	EC50	Non-applicable		
2-tert-butylcyclohexyl acetate CAS: 88-41-5 EC: 201-828-7	LC50	>1 - 10 (96 h)		Fish
	EC50	>1 - 10 (48 h)		Crustacean
	EC50	>1 - 10 (72 h)		Algae
Amyl cinnamal CAS: 122-40-7 EC: 204-541-5	LC50	>1 - 10 (96 h)		Fish
	EC50	>1 - 10 (48 h)		Crustacean
	EC50	>1 - 10 (72 h)		Algae

Chronic toxicity:

Identification	Concentration	Species	Genus	
Benzyl benzoate CAS: 120-51-4 EC: 204-402-9	NOEC	Non-applicable		
	NOEC	0,258 mg/L	Daphnia magna	Crustacean
2-phenoxyethanol CAS: 122-99-6 EC: 204-589-7	NOEC	23 mg/L	Pimephales promelas	Fish
	NOEC	9,43 mg/L	Daphnia magna	Crustacean
Cinnamal CAS: 104-55-2 EC: 203-213-9	NOEC	15,159 mg/L	N/A	Fish
	NOEC	Non-applicable		
2-(4-tert-butylbenzyl) propionaldehyde CAS: 80-54-6 EC: 201-289-8	NOEC	0,2 mg/L	Pimephales promelas	Fish
	NOEC	Non-applicable		

12.2 Persistence and degradability:

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Identification	Degradability		Biodegradability	
Benzyl benzoate CAS: 120-51-4 EC: 204-402-9	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	94 %
2-phenoxyethanol CAS: 122-99-6 EC: 204-589-7	BOD5	Non-applicable	Concentration	20 mg/L
	COD	Non-applicable	Period	3 days
	BOD5/COD	Non-applicable	% Biodegradable	93 %
2-(4-tert-butylbenzyl) propionaldehyde CAS: 80-54-6 EC: 201-289-8	BOD5	Non-applicable	Concentration	20 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	81 %
Linalool CAS: 78-70-6 EC: 201-134-4	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	90 %
Cis-hex-3-en-1-ol CAS: 928-96-1 EC: 213-192-8	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	77 %
Amyl cinnamal CAS: 122-40-7 EC: 204-541-5	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	90 %

12.3 Bioaccumulative potential:

Identification	Bioaccumulation potential	
Benzyl benzoate CAS: 120-51-4 EC: 204-402-9	BCF	193
	Pow Log	4
	Potential	High
Decanal CAS: 112-31-2 EC: 203-957-4	BCF	420
	Pow Log	3.76
	Potential	High
2-phenoxyethanol CAS: 122-99-6 EC: 204-589-7	BCF	5
	Pow Log	1.13
	Potential	Low
Cinnamal CAS: 104-55-2 EC: 203-213-9	BCF	8
	Pow Log	1.9
	Potential	Low
2-(4-tert-butylbenzyl) propionaldehyde CAS: 80-54-6 EC: 201-289-8	BCF	275
	Pow Log	4.2
	Potential	High

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Identification	Bioaccumulation potential	
	BCF	Pow Log
Linalool CAS: 78-70-6 EC: 201-134-4		2.97
Amyl cinnamal CAS: 122-40-7 EC: 204-541-5		2.5

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
	Koc	Conclusion	Henry	Non-applicable
Benzyl benzoate CAS: 120-51-4 EC: 204-402-9	6310	Immobile	Dry soil	Non-applicable
		Surface tension	Moist soil	Non-applicable
	4,626E-2 N/m (25 °C)			
Decanal CAS: 112-31-2 EC: 203-957-4	Non-applicable	Non-applicable	Dry soil	Non-applicable
		Surface tension	Moist soil	Non-applicable
	2,811E-2 N/m (25 °C)			
2-phenoxyethanol CAS: 122-99-6 EC: 204-589-7	41	Very High	Dry soil	No
		Surface tension	Moist soil	No
	Non-applicable			
Cinnamal CAS: 104-55-2 EC: 203-213-9	37	Very High	Dry soil	Yes
		Surface tension	Moist soil	Yes
	Non-applicable			
2-(4-tert-butylbenzyl) propionaldehyde CAS: 80-54-6 EC: 201-289-8	1285	Low	Dry soil	Yes
		Surface tension	Moist soil	Yes
	Non-applicable			
Cis-hex-3-en-1-ol CAS: 928-96-1 EC: 213-192-8	7	Very High	Dry soil	Non-applicable
		Surface tension	Moist soil	Non-applicable
	Non-applicable			
Amyl cinnamal CAS: 122-40-7 EC: 204-541-5	974.98	Moderate	Dry soil	Non-applicable
		Surface tension	Moist soil	Non-applicable
	Non-applicable			

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product fails to meet the criteria.

12.7 Other adverse effects:

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SECTION 12: ECOLOGICAL INFORMATION (continued)

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	Dangerous

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

HP14 Ecotoxic, HP10 Toxic for reproduction

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-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

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)

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): 2-(4-tert-butylbenzyl) propionaldehyde

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: 2-phenoxyethanol (Product-type 1, 2, 4, 13) ; Cinnamal (Product-type 2)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

Non-applicable

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

Product classified hazardous under the CMR. Sale and distribution to the general public is prohibited. Due to its CMR category, it is essential to apply the specific measures for workplace hazard prevention covered in articles 4 and 5 of the 2004/37/EC Directive and later modifications.

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.

SECTION 16: OTHER INFORMATION

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SECTION 16: OTHER INFORMATION (continued)**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):

- Precautionary statements

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.

H360Fd: May damage fertility. Suspected of damaging the unborn child.

H319: Causes serious eye irritation.

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.

Acute Tox. 4: H312 - Harmful in contact with skin.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

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.

Repr. 1B: H360Fd - May damage fertility. Suspected of damaging the unborn child.

Skin Irrit. 2: H315 - Causes skin irritation.

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

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

Classification procedure:

Aquatic Chronic 3: Calculation method

Skin Sens. 1B: Calculation method

Repr. 1B: Calculation method

Eye Irrit. 2: 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

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 -