

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

- 1.1 Product identifier:** FRAGRANCE OIL: BLACK CHERRY
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses: Raw materials for the cosmetics and pharmaceuticals industries  
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:**  
Fleurs d'Arômes  
3A, Avenue Berton  
7333 Tertre - Hainaut - Belgique  
Phone.: 0032479433347  
fleursdaromes@hotmail.com  
<https://www.fleursdaromes.be/>
- 1.4 Emergency telephone number:** Centre antipoisons: 070/245.245

## 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.  
Acute Tox. 3: Acute toxicity, Category 3, H311+H331  
Acute Tox. 4: Acute toxicity if swallowed, Category 4, H302  
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412  
Eye Irrit. 2: Eye irritation, Category 2, H319  
Flam. Liq. 3: Flammable liquids, Category 3, H226  
Skin Sens. 1: Sensitisation, skin, Category 1, H317  
STOT SE 3: Respiratory tract toxicity, single exposure, Category 3, H335
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
**Danger**
- 
- Hazard statements:**  
Acute Tox. 3: H311+H331 - Toxic in contact with skin or if inhaled  
Acute Tox. 4: H302 - Harmful if swallowed  
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 Sens. 1: H317 - May cause an allergic skin reaction  
STOT SE 3: H335 - May cause respiratory irritation
- Precautionary statements:**  
P101: If medical advice is needed, have product container or label at hand  
P102: Keep out of reach of children  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P264: Wash thoroughly after handling  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P370+P378: In case of fire: Use ABC powder extinguisher to extinguish  
P501: Dispose of contents/container according to the separated collection system used in your municipality
- Substances that contribute to the classification**  
Benzaldehyde (CAS: 100-52-7); Acetophenone (CAS: 98-86-2); Coumarin (CAS: 91-64-5)
- Acute Toxicity Estimate (ATE mix):**  
33 % (oral), 95 % (dermal), 45 % (inhalation) of the mixture consists of ingredient(s) of unknown toxicity
- 2.3 Other hazards:**  
Product fails to meet PBT/vPvB criteria

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### 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: 100-52-7 EC: 202-860-4 Index: 605-012-00-5 REACH 01-211945540-44-XXXX :	Benzaldehyde <sup>(1)</sup> Self-classified		40 - <70 %
	Regulation 1272/2008	Acute Tox. 4: H302+H332; Eye Irrit. 2: H319; STOT SE 3: H335 - Warning	
CAS: 98-86-2 EC: 202-708-7 Index: 606-042-00-1 REACH 01-2119533169-37-XXXX :	Acetophenone <sup>(1)</sup> ATP CLP00		5 - <20 %
	Regulation 1272/2008	Acute Tox. 4: H302; Eye Irrit. 2: H319 - Warning	
CAS: 628-63-7 EC: 211-047-3 Index: 607-130-00-2 REACH Non-applicable :	Pentyl acetate <sup>(2)</sup> ATP CLP00		5 - <20 %
	Regulation 1272/2008	Flam. Liq. 3: H226; EUH066 - Warning	
CAS: 91-64-5 EC: 202-086-7 Index: Non-applicable REACH 01-2119943756-26-XXXX :	Coumarin <sup>(1)</sup> Self-classified		5 - <20 %
	Regulation 1272/2008	Acute Tox. 3: H301+H311+H331; Aquatic Chronic 2: H411; Skin Sens. 1: H317 - Danger	
CAS: 140-11-4 EC: 205-399-7 Index: Non-applicable REACH 01-2119638272-42-XXXX :	Benzyl acetate <sup>(1)</sup> Self-classified		2 - <5 %
	Regulation 1272/2008	Aquatic Chronic 3: H412	

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

<sup>(2)</sup> Substance with a Union workplace exposure limit

To obtain more information on the hazards of the substances consult sections 8, 11, 12, 15 and 16.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures:

Request medical assistance immediately, showing the SDS of this product.

##### By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

##### 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:

Request medical assistance immediately, showing the SDS of this product. Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. Keep the person affected at rest.

#### 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

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### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO<sub>2</sub>). 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:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

#### 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:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

#### 6.4 Reference to other sections:

See sections 8 and 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

##### A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

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

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 94/9/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

##### C.- Technical recommendations to prevent ergonomic and toxicological risks

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

##### D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

#### 7.2 Conditions for safe storage, including any incompatibilities:

##### A.- Technical measures for storage

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## FRAGRANCE OIL: BLACK CHERRY

### SECTION 7: HANDLING AND STORAGE (continued)

Minimum Temp.: 5 °C  
Maximum Temp.: 20 °C  
Maximum time: 18 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

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

#### DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	34,7 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	10,4 mg/m <sup>3</sup>	6,3 mg/m <sup>3</sup>
Acetophenone CAS: 98-86-2 EC: 202-708-7	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	9,4 mg/kg	Non-applicable
	Inhalation	Non-applicable	100 mg/m <sup>3</sup>	33 mg/m <sup>3</sup>	Non-applicable
Coumarin CAS: 91-64-5 EC: 202-086-7	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,84 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	0,741 mg/m <sup>3</sup>	Non-applicable
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	12,5 mg/kg	Non-applicable	6,25 mg/kg	Non-applicable
	Inhalation	43,8 mg/m <sup>3</sup>	Non-applicable	21,9 mg/m <sup>3</sup>	Non-applicable

#### DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	Oral	Non-applicable	Non-applicable	25 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	20,8 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	2,1 mg/m <sup>3</sup>	1,3 mg/m <sup>3</sup>
Acetophenone CAS: 98-86-2 EC: 202-708-7	Oral	Non-applicable	Non-applicable	5,6 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	5,6 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	9,8 mg/m <sup>3</sup>	Non-applicable
Coumarin CAS: 91-64-5 EC: 202-086-7	Oral	Non-applicable	Non-applicable	0,42 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,42 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	0,183 mg/m <sup>3</sup>	Non-applicable
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	Oral	6,25 mg/kg	Non-applicable	3,125 mg/kg	Non-applicable
	Dermal	6,25 mg/kg	Non-applicable	3,125 mg/kg	Non-applicable
	Inhalation	11 mg/m <sup>3</sup>	Non-applicable	5,5 mg/m <sup>3</sup>	Non-applicable

#### PNEC:

Identification				
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	STP	7,59 mg/L	Fresh water	0,00107 mg/L
	Soil	0,00593 mg/kg	Marine water	0,000107 mg/L
	Intermittent	0,0107 mg/L	Sediment (Fresh water)	0,01044 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,00104 mg/kg

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## FRAGRANCE OIL: BLACK CHERRY

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Acetophenone CAS: 98-86-2 EC: 202-708-7	STP	10 mg/L	Fresh water	0,0864 mg/L
	Soil	0,155 mg/kg	Marine water	0,00864 mg/L
	Intermittent	0,864 mg/L	Sediment (Fresh water)	0,178 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0178 mg/kg
Coumarin CAS: 91-64-5 EC: 202-086-7	STP	10 mg/L	Fresh water	0,0056 mg/L
	Soil	0,0217 mg/kg	Marine water	0,00056 mg/L
	Intermittent	0,056 mg/L	Sediment (Fresh water)	0,207 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0207 mg/kg
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	STP	8,55 mg/L	Fresh water	0,004 mg/L
	Soil	0,0205 mg/kg	Marine water	0,0004 mg/L
	Intermittent	0,04 mg/L	Sediment (Fresh water)	0,114 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0114 mg/kg



#### 8.2 Exposure controls:

##### A.- General security and hygiene measures in the work place



In accordance with the order of importance to control professional exposure (Directive 98/24/EC) it is recommended to use localized extraction in the work area as a collective protection measure to avoid exceeding the occupational exposure limits. In case of using personal protective equipment it should have CE marking in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional 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



Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory respiratory tract protection	Filter mask for gases and vapours		EN 405:2001+A1:2009	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.

##### C.- Specific protection for the hands





Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	NON-disposable chemical protective gloves		EN 374-1:2003 EN 374-3:2003/AC:2006 EN 420:2003+A1:2009	The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin.

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

##### D.- Ocular and facial protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Face shield		EN 166:2001 EN 167:2001 EN 168:2001 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
 Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties		EN 1149-1:2.3 EN 13034:2005+A1:2009 EN ISO 13982-1:2004/A1:2010 EN ISO 6529:2001 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1994	For professional use only. Clean periodically according to the manufacturer's instructions.
 Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties		EN 13287:2008 EN ISO 20345:2011 EN 13832-1:2006	Replace boots at any sign of deterioration.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

### 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):	72 % weight
V.O.C. density at 20 °C:	737,32 kg/m <sup>3</sup> (737,32 g/L)
Average carbon number:	7,13
Average molecular weight:	111,66 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:	Liquid
Appearance:	Not available
Colour:	Yellow
Odour:	Not available
Odour threshold:	Non-applicable *

#### Volatility:

Boiling point at atmospheric pressure:	176 °C
Vapour pressure at 20 °C:	228 Pa
Vapour pressure at 50 °C:	1251,75 Pa (1,25 kPa)
Evaporation rate at 20 °C:	Non-applicable *

#### Product description:

Density at 20 °C:	1024,1 kg/m <sup>3</sup>
Relative density at 20 °C:	1,024
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 *
Solubility in water at 20 °C:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *
Explosive properties:	Non-applicable *

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

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**FRAGRANCE OIL: BLACK CHERRY**

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

Oxidising properties:	Non-applicable *
<b>Flammability:</b>	
Flash Point:	>60 °C
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	192 °C
Lower flammability limit:	Not available
Upper flammability limit:	Not available
<b>Explosive:</b>	
Lower explosive limit:	Non-applicable *
Upper explosive limit:	Non-applicable *
<b>9.2 Other information:</b>	
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 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	Risk of combustion	Avoid direct impact	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 (CO<sub>2</sub>), carbon monoxide and other organic compounds.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects:**

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 : The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Inhalation after prolonged exposure may be lethal.
- Corrosivity/Irritability: Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.

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**FRAGRANCE OIL: BLACK CHERRY**

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

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

- Contact with the skin: Can be fatal if the product is absorbed through the skin. For more information on the secondary effects of skin contact see section 2.
- 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 dangerous for the effects mentioned. For more information see section 3.  
IARC: Coumarin (3); Benzyl acetate (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous 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 dangerous 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 dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

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

Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.

**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 dangerous for this effect. For more information see section 3.
- Skin: 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.

**H- Aspiration hazard:**

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

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

Identification	Acute toxicity		Genus
Coumarin CAS: 91-64-5 EC: 202-086-7	LD50 oral	293 mg/kg	Rat
	LD50 dermal	293 mg/kg (ATEi)	Rat
	LC50 inhalation	3 mg/L (4 h) (ATEi)	
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	LD50 oral	1100 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	11 mg/L (4 h) (ATEi)	
Acetophenone CAS: 98-86-2 EC: 202-708-7	LD50 oral	500 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	LD50 oral	2490 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	

**Acute Toxicity Estimate (ATE mix):**

ATE mix		Ingredient(s) of unknown toxicity
Oral	811,93 mg/kg (Calculation method)	33 %
Dermal	293 mg/kg (Calculation method)	95 %
Inhalation	8,85 mg/L (4 h) (Calculation method)	45 %

**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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## FRAGRANCE OIL: BLACK CHERRY

### SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Species	Genus
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	LC50	13.8 mg/L (96 h)	Carassius auratus	Fish
	EC50	50 mg/L (24 h)	Daphnia magna	Crustacean
	EC50	Non-applicable		
Acetophenone CAS: 98-86-2 EC: 202-708-7	LC50	162 mg/L (96 h)	Pimephales promelas	Fish
	EC50	Non-applicable		
	EC50	Non-applicable		
Coumarin CAS: 91-64-5 EC: 202-086-7	LC50	1.3 mg/L (96 h)	QSAR	Fish
	EC50	8 mg/L (48 h)	QSAR	Fish
	EC50	1.4 mg/L (96 h)	QSAR	Fish
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	LC50	Non-applicable		
	EC50	17 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	110 mg/L (72 h)	Desmodesmus subspicatus	Algae

#### 12.2 Persistence and degradability:

Identification	Degradability		Biodegradability	
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	BOD5	1.62 g O2/g	Concentration	100 mg/L
	COD	1.98 g O2/g	Period	14 days
	BOD5/COD	0.82	% Biodegradable	66 %
Acetophenone CAS: 98-86-2 EC: 202-708-7	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	14 days
	BOD5/COD	Non-applicable	% Biodegradable	64,7 %
Coumarin CAS: 91-64-5 EC: 202-086-7	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	100 %
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	BOD5	Non-applicable	Concentration	10 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	100 %

#### 12.3 Bioaccumulative potential:

Identification	Bioaccumulation potential	
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	BCF	3
	Pow Log	1.48
	Potential	Low
Acetophenone CAS: 98-86-2 EC: 202-708-7	BCF	0.5
	Pow Log	1.58
	Potential	Low
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	BCF	8
	Pow Log	1.96
	Potential	Low

#### 12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	3,827E-2 N/m (25 °C)	Moist soil	Non-applicable
Acetophenone CAS: 98-86-2 EC: 202-708-7	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	3,895E-2 N/m (25 °C)	Moist soil	Non-applicable
Pentyl acetate CAS: 628-63-7 EC: 211-047-3	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	2,51E-2 N/m (25 °C)	Moist soil	Non-applicable
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	3,558E-2 N/m (25 °C)	Moist soil	Non-applicable

#### 12.5 Results of PBT and vPvB assessment:

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## SECTION 12: ECOLOGICAL INFORMATION (continued)

Product fails to meet PBT/vPvB criteria

### 12.6 Other adverse effects:

Not described

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
	It is not possible to assign a specific code, as it depends on the intended use by the user	Dangerous

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

HP14 Ecotoxic, HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity, HP4 Irritant — skin irritation and eye damage

#### 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. We do not recommended disposal down the drain. 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

### Transport of dangerous goods by land:

With regard to ADR 2019 and RID 2019:



14.1	UN number:	UN1992
14.2	UN proper shipping name:	FLAMMABLE LIQUID, TOXIC, N.O.S. (Pentyl acetate)
14.3	Transport hazard class(es):	3
	Labels:	3, 6.1
14.4	Packing group:	III
14.5	Environmental hazards:	No
14.6	Special precautions for user	
	Special regulations:	274
	Tunnel restriction code:	D/E
	Physico-Chemical properties:	see section 9
	Limited quantities:	5 L
14.7	Transport in bulk according to Annex II of Marpol and the IBC Code:	Non-applicable



### Transport of dangerous goods by sea:

With regard to IMDG 38-16:

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### SECTION 14: TRANSPORT INFORMATION (continued)

 	<b>14.1 UN number:</b>	UN1992
	<b>14.2 UN proper shipping name:</b>	FLAMMABLE LIQUID, TOXIC, N.O.S. (Pentyl acetate)
	<b>14.3 Transport hazard class(es):</b>	3
	<b>Labels:</b>	3, 6.1
	<b>14.4 Packing group:</b>	III
	<b>14.5 Environmental hazards:</b>	No
	<b>14.6 Special precautions for user</b>	
	Special regulations:	274, 223
	EmS Codes:	F-E, S-D
	Physico-Chemical properties:	see section 9
	Limited quantities:	5 L
	Segregation group:	Non-applicable
	<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Non-applicable

#### Transport of dangerous goods by air:

With regard to IATA/ICAO 2019:

 	<b>14.1 UN number:</b>	UN1992
	<b>14.2 UN proper shipping name:</b>	FLAMMABLE LIQUID, TOXIC, N.O.S. (Pentyl acetate)
	<b>14.3 Transport hazard class(es):</b>	3
	<b>Labels:</b>	3, 6.1
	<b>14.4 Packing group:</b>	III
	<b>14.5 Environmental hazards:</b>	No
	<b>14.6 Special precautions for user</b>	
	Physico-Chemical properties:	see section 9
	<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Non-applicable

### 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): Non-applicable

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: Non-applicable

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

#### Seveso III:

Section	Description	Lower-tier requirements	Upper-tier requirements
H2		50	200
P5c		5000	50000

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

Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:

- metallic glitter intended mainly for decoration,
- artificial snow and frost,
- "whoopie" cushions,
- silly string aerosols,
- imitation excrement,
- horns for parties,
- decorative flakes and foams,
- artificial cobwebs,
- stink bombs.

Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with: 'For professional users only'.

#### Specific provisions in terms of protecting people or the environment:

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## SECTION 15: REGULATORY INFORMATION (continued)

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

### Legislation related to safety data sheets:

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 (Regulation (EC) No 2015/830)

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

Non-applicable

### Texts of the legislative phrases mentioned in section 2:

H319: Causes serious eye irritation  
H335: May cause respiratory irritation  
H317: May cause an allergic skin reaction  
H412: Harmful to aquatic life with long lasting effects  
H311+H331: Toxic in contact with skin or if inhaled  
H302: Harmful if swallowed  
H226: Flammable liquid and vapour

### 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. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled  
Acute Tox. 4: H302 - Harmful if swallowed  
Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled  
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 Sens. 1: H317 - May cause an allergic skin reaction  
STOT SE 3: H335 - May cause respiratory irritation

### Classification procedure:

Eye Irrit. 2: Calculation method  
STOT SE 3: Calculation method  
Skin Sens. 1: Calculation method  
Aquatic Chronic 3: Calculation method  
Acute Tox. 3: Calculation method  
Acute Tox. 4: Calculation method  
Flam. Liq. 3: Calculation method (2.6.4.3)

### Advice related to training:

Minimal 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: 5-day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
LC50: Lethal Concentration 50  
EC50: Effective concentration 50  
Log-POW: Octanol-water partition coefficient  
Koc: Partition coefficient of organic carbon

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## Safety data sheet

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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 -