

Safety Data Sheet
Regulation (EC) No. 1907/2006 and 1272/2008
Version No.: 1.0

Date of Issue: 10/12/2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** 3OZ CANDLE – APPLE CINNAMON
- **Registration number:** No available data.
- **UFI number:** No available data.
- **Other means of identification:** No available data.

- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance/ mixture:** Fresh air.
- **Uses advised against:** No available data.
- **Reason why uses advised against:** No available data.

- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

- **Telephone number:** 022-42188500
- **Only Representative/other EU contact point:** No information available.
- **1.4 Emergency telephone number**

Country	Official advisory body	Address	Emergency number	Remark
Austria	Vergiftungsinformationszentra le (Poisons Information Centre)	Stubenring 6 1010 Wien	+43 1 406 43 43	
Belgium	Centre Anti-Poisons/ Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn 1 B -1120 Bruxelles/Brussel	+32 70 245 245	Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee)

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<i>Bulgaria</i>	<i>Национален токсикологичен информационен център (National Toxicological Information Centre) Многопрофилна болница за активно лечение и спешна медицина "Н.И.Пирогов" (National Clinical Toxicology Centre), Emergency Medical Institute "Pirogov"</i>	<i>21 Totleben Boulevard 1606 SOFIA</i>	<i>+359 2 9154 409</i>	
<i>Croatia</i>	<i>Centar za kontrolu otrovanja Institut za medicinska</i>	<i>Ksaverska Cesta 2 p.p. 291</i>	<i>+385 1 234 8342</i>	

	<i>istraživanja i medicinu rada</i>	<i>10000 Zagreb</i>		
<i>Cyprus</i>	<i>Κέντρον Δηλητηριάσεων</i>		<i>1401</i>	<i>Operating hours 24 hours / 24 hours, 7 days a week</i>
<i>Czech Republic</i>	<i>ToxikologickéinformačnístřediskoKlini kapracovníholékařstvíVFN a 1. LF UK</i>	<i>Na Bojišti 1 120 00 Praha 2</i>	<i>+420 224 919 293 +420 224 915 402</i>	
<i>Denmark</i>	<i>Gifflinjen Bispebjerg Hospital</i>	<i>Bispebjerg Bakke 23 2400 København NV</i>	<i>+45 82 12 12 12</i>	
<i>Estonia</i>	<i>Mürgistusteabekeskus</i>	<i>Gonsiori 29 15027 Tallinn</i>	<i>16662 +372 626 93 90</i>	
<i>Finland</i>	<i>Myrkytystietokeskus</i>	<i>Stenbäckinkatu 9 PO BOX 100 29 Helsinki</i>	<i>+358 9 471 977 +358 9 4711</i>	
<i>France</i>	<i>Centre Antipoison et de Toxicovigilance de Paris Hôpital Fernand Widal</i>	<i>200 rue du Faubourg Saint-Denis 75475 Paris Cedex 10</i>	<i>+33 1 40 05 48 48</i>	
<i>France</i>	<i>Centre Antipoison et de Toxicovigilance de Marseille Hôpital Sainte Marguerite</i>	<i>270 boulevard de Sainte Marguerite 13274 Marseille Cedex 09</i>	<i>+33 4 91 75 25 25</i>	
<i>Germany</i>	<i>Giftnotruf München Toxikologische Abteilung der II. Med. Klinik und Poliklinik rechts der Isar der Technischen Universität München</i>	<i>Ismaninger Straße 22 81675 München</i>	<i>+49 (0) 89 19240</i>	

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<i>Germany</i>	<i>Giftnotruf der Charité CBF, Haus VIII (Wirtschaftsgebäude), UG</i>	<i>Hindenburgdamm 30 12203 Berlin</i>	<i>+49 (0) 30 19240</i>	
<i>Greece</i>	<i>Poisons Information Centre Children's Hospital P&A Kyriakou</i>	<i>11762 Athens</i>	<i>+30 2 10 779 3777</i>	
<i>Hungary</i>	<i>Országos Kémiai Biztonsági Intézet Egészségügyi Toxikológiai Tájékoztató Szolgálat</i>	<i>Nagyvárad tér 2. 1437 Budapest, Pf. 839 1097 Budapest</i>	<i>+36 80 20 11 99</i>	
<i>Iceland</i>	<i>Eitrunarmiðstöð Landspítali</i>	<i>Fossvogi 108 Reykjavík</i>	<i>+354 543 22 22</i>	
<i>Ireland</i>	<i>National Poisons Information Centre Beaumont Hospital</i>	<i>PO Box 1297 Beaumont Road 9 Dublin</i>	<i>+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)</i>	
<i>Italy</i>	<i>Centro Antiveleni Dipartimento di Tossicologia Clinica, Università Cattolica del Sacro Cuore</i>	<i>Largo Agostino Gemelli 8 168 Roma</i>	<i>+39 06 305 4343</i>	
<i>Latvia</i>	<i>Valsts Toksikoloģijas centrs,</i>	<i>Hipokrāta 2</i>	<i>+371 67 04 24 73</i>	

	<i>Saindēšanās un zāļu informācijas centrs</i>	<i>1038 Rīga</i>		
<i>Lithuania</i>	<i>Apsinuodijimų informacijos biuras</i>	<i>Birutės g. 56 8110 Vilnius</i>	<i>+370 5 236 20 52 +370 687 53378</i>	
<i>Luxembourg</i>	<i>Centre Anti-Poisons/ Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid</i>	<i>Rue Bruyn 1 1120 Bruxelles/Brussel</i>	<i>+352 8002 5500</i>	
<i>Malta</i>	<i>Medicines & Poisons Info Office</i>	<i>Mater Dei Hospital MSD Msida</i>	<i>+356 2545 6504</i>	

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Netherlands	Nationaal Vergiftigingen Informatie Centrum Universitair Medisch Centrum Utrecht, Het Nationaal Vergiftigingen Informatie Centrum (NVIC) informeert (dieren-) artsen, apothekers en andere professionele hulpverleners over de mogelijke gezondheidseffecten en behandelingsmogelijkheden bij vergiftigingen. Het NVIC is hiervoor dag en nacht bereikbaar, zowel telefonisch als via internet	Huispostnummer B.00.118 PO Box 85500 3508 GA Utrecht	+31 30 274 88 88	Only for the purpose of informing medical personnel in cases of acute intoxications
Norway	Giftnformasjonen Helsedirektoratet	P.O. Box 7000 St. Olavs Plass 130 Oslo	+47 22 591300	
Poland	National Poisons Information Centre The Nofer Institute of Occupational Medicine (Łódź)	ul. Teresy 8 P.O. BOX 199 90950 Łódź	+48 42 63 14 724	
Portugal	Centro de Informação Antivenenos Instituto Nacional de Emergência Médica	Rua Almirante Barroso, 36 1000-013 Lisboa	+351 808 250 143	
Romania	Department of Clinical Toxicology Spitalul de Urgenta Floreasca	Calea Floreasca Bucuresti	+40 21 230 8000	
Serbia	Nacionalni centar za kontrolu trovanja - VMA	Crnotravska 17 11000 Beograd	+381 11 360 84 40 (24h) +381 11 3672 187	
Slovakia	Národné toxikologické informačné centrum Univerzitná nemocnica Bratislava, pracovisko Kramáre, Klinika pracovného lekárstva a toxikológie	Limbová 5 833 05 Bratislava	+421 2 54 77 41 66	
Slovenia	Center za kliničnotoksikologijo in farmakologijo Internaklinika, UKCL	Zaloška cesta 7 1525 Ljubljana	+386 41 650 500	

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<i>Spain</i>	<i>Servicio de Información Toxicológica Instituto Nacional de Toxicología y Ciencias Forenses, Departamento de Sevilla</i>	<i>Carretera de San Jerónimo Km 0,4 41080 Sevilla</i>	<i>+34 91 562 04 20</i>	<i>(Toxicological emergencies only). Information in Spanish (24/7)</i>
<i>Spain</i>	<i>Servicio de Información Toxicológica Instituto Nacional de Toxicología y Ciencias Forenses, Departamento de Madrid</i>	<i>C/José Echegaray nº4 28232 Las Rozas de Madrid</i>	<i>+34 91 562 04 20</i>	<i>(Toxicological emergencies only). Information in Spanish (24/7)</i>
<i>Sweden</i>	<i>Giftinformationscentralen</i>	<i>Box 60 500 171 76 Stockholm</i>	<i>112 – begär Giftinformation +46 10 456 6700 (Från utlandet)</i>	
<i>Switzerland</i>	<i>Tox Info Suisse</i>	<i>Freiestrasse 16 8032 Zürich</i>	<i>145</i>	<i>(from abroad: +41 44 251 51 51) non urgent inquiry: +41 44 251 66 66</i>
<i>United Kingdom</i>	<i>National Poisons Information Service (Belfast Centre) Royal Victoria Hospital</i>	<i>Grosvenor Road BT12 6BA Belfast</i>	<i>0344 892 0111</i>	<i>Only for the purpose of informing medical personnel in cases of acute intoxications</i>

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SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **2.1.1 Classification according to regulation (EC) 1272/2008:**

Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Skin Sens. 1B, H317	Calculation method
Aquatic Chronic 3, H411	Calculation method

· **2.1.2 Additional information:**

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

· **2.2 Label elements**

· **Labeling according to Regulation (EC) No 1272/2008:** The product is labelled according to Regulation (EC) No 1272/2008.

· **Hazard pictograms:**



· **Signal word:** Warning

· **Hazard-determining components of labelling:** EUH208, Contains Cinnamal, Eugenol, Coumarin, Benzyl benzoate. May produce an allergic reaction.

· **Hazard statements:**

H317, May cause an allergic skin reaction.

H319, Causes serious eye irritation.

H411, Toxic to aquatic life with long lasting effects.

· **Precautionary statement:**

P264, Wash hands and other contacted skin thoroughly after handling.

P302/352, IF ON SKIN: Wash with plenty of soap and water.

P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

· **Supplemental label elements:** Not applicable

· **2.3 Other hazards**

None ingredients ($\geq 0.1\%$) meets the criteria for PBT/vPvB in accordance with Annex XIII.

None ingredients ($\geq 0.1\%$) identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

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SECTION 3: Composition/information on ingredients

• **3.1 Substance** Not applicable

• **3.2 Mixtures**

• **Description of the mixture:** Apple Cinnamon fragrance.

Ingredients:						
Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
Paraffin waxes	8002-74-2	-	232-315-6	50-60	None	-
Palm wax	8021-56-5	-	-	38-40	None	-
Micro crystalline wax	63231-60-7	-	-	8-10	None	-
2-tert-BUTYLCYCLOHEXYL ACETATE	88-41-5	-	243-718-1	10-<20%	EH C2;H411,-	-
DIETHYL PROPANEDIOATE	105-53-3	-	203-305-9	5-<10%	ED1 2;H319,-	-
HEXYL ACETATE	142-92-7	-	205-572-7	5-<10%	FL 3-EH C2;H226-H411,-	-
alpha-Methylcinnamaldehyde	101-39-3, 15174-47-7	-	202-938-8, 701-219-0	1-<5%	SS 1B;H317,-	-
Cinnamal	104-55-2	-	203-213-9	1-<5%	ATD 4-SCI 2-SS 1A-EH C3;H312-H315-H317-H412,-	-
Eugenol	97-53-0	-	202-589-1	1-<5%	SS 1B;H317,-	-
Beta-caryophyllene	87-44-5	-	201-746-1	1-<5%	SS 1B-AH 1-EH C4;H304-H317-H413,-	-
GAMMA UNDECALACTONE	104-67-6	-	203-225-4	1-<5%	EH C3;H412,-	-
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	68039-49-6	-	268-264-1, 943-728-2	1-<5%	SCI 2-EDI 2-SS 1B-EH C2;H315-H317-H319-H411,-	-
Chromen-2-one	91-64-5	-	202-086-7	0.1-<1%	ATO 4-SS 1B;H302-H317,-	-

SECTION 4: First aid measures

• **4.1 Description of first aid measures**

General advice: If medical advice is needed, have product container or label at hand.

After inhalation: Supply with fresh air. Get medical attention if you feel unwell.

After skin contact: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

After eye contact: Rinse cautiously with water for several minutes. If eye irritation occurs: Get medical advice/attention.

After swallowing: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell.

• **4.2 Most important symptoms and effects, both acute and delayed:** May cause an allergic skin reaction.

• **4.3 Indication of any immediate medical attention and special treatment needed:** Treat according to symptom, there is not known specific medicine.

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SECTION 5: Fire-fighting measures

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents:** Use CO₂, chemical powder, water spray or alcohol resistant foam to extinguish.
 - **Unsuitable extinguishing media:** Water with full jet.
 - **5.2 Special hazards arising from the substance or mixture:** May produce allergic / irritant fume in air under fire.
 - **5.3 Advice for firefighters**
- Protective equipment:** Wear self-contained breathing apparatus for firefighting.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
 - **6.1.1 For non-emergency personnel**
- Protective equipment:** Protective gloves and respiration protection.
- Emergency procedures:** Evacuate immediately; Avoid breathing dust/fume; Avoid contact with eyes and skin; Avoid release to the environment.
- **6.1.2 For emergency responders**
- Personal protective equipment:** Protective gloves and respiration protection.
- **6.2 Environmental precautions:**
- Prevent further leakage or spillage if safe to do so; Prevent spillage from entering drains, sewer, basement or confined areas; if the spillage contaminates rivers, lakes or drains inform respective authorities.
- **6.3 Methods and material for containment and cleaning up:**
- P- 6.4 Reference to other sections:
- See section 7 for information on safe handling; See section 8 for information on personal protection equipment; See section 13 for disposal information. Pick up mechanically; Dispose contaminated material as waste according to section 13.

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SECTION 7: Handling and storage

· **7.1 Precautions for safe handling:**

Read carefully and follow all instructions; Ensure adequate ventilation at workplace; Avoid breathing dust/ fume; Avoid contact with eyes and skin; Avoid release to the environment.

· **Information about fire and explosion protection:** *Normal measures for preventive fire protection.*

· **7.2 Conditions for safe storage, including any non-compatibility**

· **Requirements to be met by storerooms and receptacles:** *Store in a cool and well-ventilated place.*

· **Information about storage in one common storage facility:** *Keep out of reach of children. Keep away from flame and flammable substance.*

· **Further information about storage conditions:** *Store locked*

up. · **Storage class:** *13*

· **7.3 Specific end use(s):** *See section 1.2.*

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

Country	Limit value - Eight hours	Limit value - Short term
8002-74-2 Paraffin waxes, fume or respirable dust		
Belgium	2 mg/m ³	-
Denmark	2 mg/m ³	4 mg/m ³
Finland	1 mg/m ³	-
France	2 mg/m ³	-
Ireland	2 mg/m ³	6 mg/m ³ 15 minutes reference period
Poland	2 mg/m ³	-
Romania	2 mg/m ³	6 mg/m ³ 15 minutes average value
Spain	2 mg/m ³	-
United Kingdom	2 mg/m ³	6 mg/m ³
600-14-6 2,3-Pentanedione		
Germany (AGS)	0.02ppm; 0.083 mg/m ³	0.02ppm; 0.083 mg/m ³ 15 minutes average value
Germany (DFG)	0.02ppm; 0.083 mg/m ³	0.02ppm; 0.083 mg/m ³ 15 minutes average value

· **DNELs:**

DNEL type	DNEL worker value	DNEL consumer value
120-51-4 Benzyl benzoate		

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<i>Systemic effects</i>	<i>Long-term, inhalation exposure</i>	<i>5.1 mg/m³</i>	<i>1.25 mg/m³</i>
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	<i>Acute /short term, inhalation exposure</i>	<i>102 mg/m³</i>	<i>-</i>
	<i>Long-term, dermal exposure</i>	<i>2.6 mg/kg bw/day</i>	<i>1.3 mg/kg bw/day</i>
	<i>Long-term, oral exposure</i>	<i>-</i>	<i>400 µg/kg bw/day</i>
	<i>Acute /short term, oral exposure</i>	<i>-</i>	<i>78 mg/kg bw/day</i>
<i>118-58-1 Benzyl salicylate</i>			
<i>Systemic effects</i>	<i>Long-term, inhalation exposure</i>	<i>7.8 mg/m³</i>	<i>1.37 mg/m³</i>
	<i>Long-term, dermal exposure</i>	<i>2.21 mg/kg bw/day</i>	<i>790 µg/kg bw/day</i>
	<i>Long-term, oral exposure</i>	<i>-</i>	<i>790 µg/kg bw/day</i>
<i>121-32-4 Benzaldehyde, 3-ethoxy-4-hydroxy-</i>			
<i>Systemic effects</i>	<i>Long-term, inhalation exposure</i>	<i>49 mg/m³</i>	<i>8.75 mg/m³</i>
	<i>Acute /short term, inhalation exposure</i>	<i>98 mg/m³</i>	<i>17.5 mg/m³</i>
	<i>Long-term, dermal exposure</i>	<i>7 mg/kg bw/day</i>	<i>2.5 mg/kg bw/day</i>
	<i>Long-term, oral exposure</i>	<i>-</i>	<i>2.5 mg/kg bw/day</i>

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· PNECs:

PNEC type	Value
<i>120-51-4 Benzyl benzoate</i>	
<i>Freshwater</i>	<i>16.8 µg/L</i>
<i>Marine water</i>	<i>1.68 µg/L</i>
<i>Sewage treatment plant (STP)</i>	<i>100 mg/L</i>
<i>Sediment (freshwater)</i>	<i>10.66 mg/kg sediment dw</i>
<i>Sediment (marine water)</i>	<i>1.07 mg/kg sediment dw</i>
<i>118-58-1 Benzyl salicylate</i>	
<i>Freshwater</i>	<i>1.03 µg/L</i>
<i>Intermittent releases (freshwater)</i>	<i>10.3 µg/L</i>
<i>Marine water</i>	<i>103 ng/L</i>
<i>Sewage treatment plant (STP)</i>	<i>10 mg/L</i>
<i>Sediment (freshwater)</i>	<i>583 µg/kg sediment dw</i>
<i>Sediment (marine water)</i>	<i>58.3 µg/kg sediment dw</i>
<i>121-32-4 Benzaldehyde, 3-ethoxy-4-hydroxy-</i>	
<i>Freshwater</i>	<i>118 µg/L</i>
<i>Marine water</i>	<i>11.8 µg/L</i>
<i>Sewage treatment plant (STP)</i>	<i>10 mg/L</i>
<i>Sediment (freshwater)</i>	<i>15 mg/kg sediment dw</i>
<i>Sediment (marine water)</i>	<i>1.5 mg/kg sediment dw</i>

· Additional information: *The lists valid during the marking were used as basis.*

8.2 Exposure controls

· Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.

· Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice; Wash hands and face before breaks and at the end of work; Take off contaminated clothing and wash it before reuse. See section 7 for information about design of technical facilities.

· Personal protective equipment

· Eye and face protection:

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Safety glasses

Protective goggles with side-shields.

· **Skin protection**

· **Hand protection:**



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.3mm; breakthrough times up to 480 minutes). · **Other skin protection:**

Gauntlets, boots, bodysuit are recommended.

· **Respiration protection:**

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

· **Thermal hazards:**

The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· Physical state	Solid
· Color	Red
· Odor & Odor threshold	Apple Cinnamon
· Melting point/freezing point (or softening point/range)	40-50°C
· Boiling point or initial boiling point and boiling range	>350C
· Flammability	Combustible on lighting
· Lower and upper explosion limit	Not applicable
· Flash point	>150C
· Auto-ignition temperature	Not applicable
· Decomposition temperature	Not determined
· pH	7.9
· Kinematic viscosity (mm²/s)	Not applicable

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· Solubility	<i>this product is insoluble in water.</i>
· Partition coefficient n-octanol/water (log value)	<i>Not determined</i>
· Vapor pressure	<i>Negligible</i>
· Density and/or relative density	<i>0.8-0.9 g/m³</i>
· Relative vapor density	<i>Not applicable</i>
· Particle characteristics	<i>Not determined</i>
· 9.2 Other information	
· 9.2.1 Information with regard to physical hazard classes:	

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· <i>Explosives</i>	<i>Not applicable</i>
· <i>Flammable gases</i>	<i>Not applicable</i>
· <i>Aerosols</i>	<i>Not applicable</i>
· <i>Oxidising gases</i>	<i>Not applicable</i>
· <i>Gases under pressure</i>	<i>Not applicable</i>
· <i>Flammable liquids</i>	<i>Not applicable</i>
· <i>Flammable solids</i>	<i>Not applicable</i>
· <i>Self-reactive substances and mixtures</i>	<i>Not applicable</i>
· <i>Pyrophoric liquids</i>	<i>Not applicable</i>
· <i>Pyrophoric solids</i>	<i>Not applicable</i>
· <i>Self-heating substances and mixtures</i>	<i>Not applicable</i>
· <i>Substances and mixtures, which emit flammable gases in contact with water</i>	<i>Not applicable</i>
· <i>Oxidizing liquids</i>	<i>Not applicable</i>
· <i>Oxidizing solids</i>	<i>Not applicable</i>
· <i>Organic peroxides</i>	<i>Not applicable</i>
· <i>Corrosive to metals</i>	<i>Not applicable</i>
· <i>Desensitised explosives</i>	<i>Not applicable</i>
· 9.2.2 Other safety characteristics	
· <i>Mechanical sensitivity</i>	<i>Not applicable</i>
· <i>Self-accelerating polymerisation temperature</i>	<i>Not applicable</i>
· <i>Formation of explosible dust/air mixtures</i>	<i>Not applicable</i>
· <i>Acid/alkaline reserve</i>	<i>Not applicable</i>
· <i>Evaporation rate</i>	<i>Not applicable</i>
· <i>Miscibility</i>	<i>Not determined</i>
· <i>Conductivity</i>	<i>Not applicable</i>
· <i>Corrosiveness</i>	<i>Not applicable</i>
· <i>Gas group</i>	<i>Not applicable</i>
· <i>Redox potential</i>	<i>Not applicable</i>
· <i>Radical formation potential</i>	<i>Not applicable</i>
· <i>Photocatalytic properties</i>	<i>Not applicable</i>

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· Other physical and chemical parameters	Not determined
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SECTION 10: Stability and reactivity

- **10.1 Reactivity:** The product is no-reactive under normal conditions of use, storage and transport.
- **10.2 Chemical stability:** Under storage at normal ambient temperatures, the product is stable.
- **10.3 Possibility of hazardous reactions:** No known hazardous reaction.
- **10.4 Conditions to avoid:** High temperature above 46°C.
- **10.5 Incompatible materials:** Strong oxidizing agent and flammable substance.
- **10.6 Hazardous decomposition products:** Does not decompose when used for intended uses.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

LD50/LC50 values relevant for classification:

8002-74-2 Paraffin waxes

Rat	LD50-oral	>5000mg/kg
	LD50-skin	>2000mg/kg

120-51-4 Benzyl benzoate

Rat	LD50-oral	1900 mg/kg
	LD50-skin	4mL/kg

Mouse	LD50-oral	1400uL/kg
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Rabbit	LD50-oral	1680mg/kg
	LD50-skin	4000mg/kg

118-58-1 Benzyl salicylate

Rat	LD50-oral	2227mg/kg
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121-32-4 Benzaldehyde, 3-ethoxy-4-hydroxy-

Rabbit	LD50-skin	> 7940mg/kg
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121-33-5 Benzaldehyde, 4-hydroxy-3-methoxy-

Mouse	LD50-oral	3925mg/kg
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Rabbit	LD50-skin	> 5010mg/kg
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123-11-5 Benzaldehyde, 4-methoxy-

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Rat	LD50-oral	3210mg/kg
Rabbit	LD50-skin	>5000mg/kg
91-64-5 2H-1-Benzopyran-2-one		
Rat	LD50-oral	293mg/kg
Mouse	LD50-oral	196mg/kg
Guinea pig	LD50-oral	202mg/kg
Remark: All the above data are from literature.		

- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eyes damage/ irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** May cause an allergic skin reaction.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **Summary of evaluation of the CMR properties:** Not classified as CMR product.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

11.2 Information on other hazards 11.2.1

Endocrine disrupting properties:

None ingredient ($\geq 0.1\%$) is considered to have endocrine-disrupting properties with respect to humans as it meets the criteria set out in section A of Regulation (EU) No 2017/2100.

11.2.2 Other information: No known other relevant information on adverse health effects.

SECTION 12: Ecological information

12.1 Toxicity:

LC50/EC50/NOEC values relevant for classification:

120-51-4 Benzyl benzoate

Short-term toxicity to fish

LC50 (4 days) 2.32 mg/L

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Short-term toxicity to aquatic invertebrates	EC50 (48 h) 3.09 mg/L NOEC (48 h) 1.73 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 258 - 970 µg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 475 µg/L NOEC (72 h) 247 µg/L
Toxicity to microorganisms	EC50 (3 h) 10 g/L
118-58-1 Benzyl salicylate	
Short-term toxicity to fish	LC50 (4 days) 1.03 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (24 h) 1.21 mg/L LC50 (24 h) 4.34 mg/L NOEC (48 h) 894 µg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 1.29 mg/L NOEC (72 h) 502 µg/L
121-32-4 Benzaldehyde, 3-ethoxy-4-hydroxy-	
Short-term toxicity to fish	LC50 (4 days) 87.6 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 26.2 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 5.9 - 10 mg/L EC50 (21 days) 16 - 63 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 100 mg/L NOEC (72 h) 21.2 - 30 mg/L
121-33-5 Benzaldehyde, 4-hydroxy-3-methoxy-	
Short-term toxicity to fish	LC50 (4 days) 57 - 123 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 36.79 mg/L NOEC (48 h) 26.8 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 5.9 - 10 mg/L EC50 (21 days) 16 - 24 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 120 mg/L
123-11-5 Benzaldehyde, 4-methoxy-	
Short-term toxicity to fish	LC50 (4 days) 148.32 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 82.8 mg/L

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<i>Long-term toxicity to aquatic invertebrates</i>	<i>NOEC (21 days) 710 µg/L</i>
<i>Toxicity to aquatic algae and cyanobacteria</i>	<i>EC50 (72 h) 61 mg/L</i> <i>NOEC (72 h) 650 µg/L</i>
<i>91-64-5 2H-1-Benzopyran-2-one</i>	
<i>Short-term toxicity to fish</i>	<i>LC50 (4 days) 1.324 - 2.94 mg/L</i>
<i>Long-term toxicity to fish</i>	<i>NOEC (30 days) 191 µg/L</i>
<i>Short-term toxicity to aquatic invertebrates</i>	<i>EC50 (48 h) 8.012 - 36.9 mg/L</i> <i>LC50 (48 h) 8.012 mg/L</i>
<i>Long-term toxicity to aquatic invertebrates</i>	<i>NOEC (21 days) 500 µg/L</i>
<i>Toxicity to aquatic algae and cyanobacteria</i>	<i>EC50 (4 days) 1.452 mg/L</i> <i>NOEC (72 h) 431 µg/L</i>

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· 12.2 Persistence and degradability:

120-51-4	Benzyl benzoate	Readily biodegradable in water
118-58-1	Benzyl salicylate	Readily biodegradable in water
121-32-4	Benzaldehyde, 3-ethoxy-4-hydroxy-	Readily biodegradable in water
121-33-5	Benzaldehyde, 4-hydroxy-3-methoxy-	Readily biodegradable in water
123-11-5	Benzaldehyde, 4-methoxy-	Readily biodegradable in water
91-64-5	2H-1-Benzopyran-2-one	Readily biodegradable in water

· 12.3 Bio-accumulative potential:

120-51-4	Benzyl benzoate	Log Pow = 3.97 at 25 °C
118-58-1	Benzyl salicylate	Log Pow = 4 at 35 °C
121-32-4	Benzaldehyde, 3-ethoxy-4-hydroxy-	Log Pow = 1.58 - 1.61 at 25 °C
121-33-5	Benzaldehyde, 4-hydroxy-3-methoxy-	Log Pow = 1.17 - 1.33 at 25 °C
123-11-5	Benzaldehyde, 4-methoxy-	Log Pow = 1.56 at 25 °C and pH 7.9 - 8.25
91-64-5	2H-1-Benzopyran-2-one	Log Pow = 1.39 - 1.51 at 25 °C and pH 7

· 12.4 Mobility in soil: No data available.

· 12.5 Results of PBT and vPvB assessment:

This mixture does not contain any substances ($\geq 0.1\%$) that are assessed to be a PBT or a vPvB.

· 12.6 Endocrine disrupting properties:

None ingredient ($\geq 0.1\%$) does not have endocrine disrupting properties with respect to non-target organisms as it does not meet the criteria set out in section B of Regulation (EU) No 2017/2100.

· 12.7 Other adverse effects: No known other adverse effects.

· 12.8 Additional ecological information

(German Regulation) (self-assessment): Hazard to waters.

Do not allow the product to reach ground water, water course or sewage system.

· General notes: WGK2

SECTION 13: Disposal consideration

· 13.1 Waste treatment methods

· Recommendation: Must not be disposed together with household garbage.

· 13.2 Un-cleaned packaging

· Recommendation: Dispose of contents/container in according to the local/regional/national/ international regulation.

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SECTION 14: Transport information

<p>· 14.1 UN-Number <i>ADR, RID, ADN, IMDG, IATA</i></p>	<p><i>Not regulated as dangerous transport goods, not applicable</i></p>
<p>· 14.2 UN proper shipping name <i>ADR, RID, ADN, IMDG, IATA</i></p>	<p><i>Void</i></p>
<p>· 14.3 Transport hazard class (es) <i>ADR, RID, ADN, IMDG, IATA</i> Class Label</p>	<p><i>Void</i> <i>Void</i></p>
<p>· 14.4 Packing group <i>ADR, RID, ADN, IMDG, IATA</i></p>	<p><i>Void</i></p>
<p>· 14.5 Marine pollution</p>	<p><i>No</i></p>
<p>· 14.6 Special precautions for user · Danger code (Kemler) · EMS number</p>	<p><i>Void</i> <i>Void</i> <i>Void</i></p>
<p>· 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</p>	<p><i>Void</i></p>

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture · MAK (German Maximum Workplace Concentration):** *None of the ingredients is listed.*
- **Directive 2012/18/EU**
- **Named dangerous substances-ANNEX I:** *None of the ingredients is listed.*
- **Seveso category:** *Not applicable*
- **Qualifying quantity (tonnes) for the application of lower-tier requirements:** *Not applicable*
- **Qualifying quantity (tonnes) for the application of upper-tier requirements:** *Not applicable*
- **National regulations.**
- **Water hazard class: WGK 2 (German Regulation) (self-assessment):** *Hazard to waters.*
- **Other regulations, limitations and prohibitive regulations**
- **SVHC Candidate list of REACH Regulation Annex XIV Authorization:** *None of the ingredients is listed.*
- **REACH Regulation Annex XVII Restriction:** *None of the ingredients is listed.*
- **REACH Regulation Annex XIV Authorization List:** *None of the ingredients is listed.*
- **15.2 Chemical safety assessment:** *A Chemical Safe Assessment has not been carried out.*

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SECTION 16: Other information

· **16.1 Indication of changes:** Not applicable

16.2 Abbreviations and acronyms:

Abbreviation	Meaning
ED1 2	Eye Damage / Irritation Category 2
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SS 1A	Sensitization - Skin Category 1A
SS 1B	Sensitization - Skin Category 1B

· **16.3 Key literature references and sources for data:**

<https://echa.europa.eu/>

<https://chem.nlm.nih.gov/>

<https://www.osha.gov/>

<http://www.unece.org/>

<http://www.imo.org/>

<https://www.dguv.de/>

<https://epa.govt.nz/> <http://www.ilo.org/>

<https://www.phmsa.dot.gov/>

· **16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:** See SECTION 2.1 (classification).

· **16.5 Relevant H- and EUH-phrases (number and full text):**

H225 Highly flammable liquid and vapour

H301 Toxic if swallowed

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H302 Harmful if swallowed

H317 May cause an allergic skin reaction

H318 Causes serious eye damage

H319 Causes serious eye irritation

H373 May cause damage to organs

H400 Very toxic to aquatic life

H411 Toxic to aquatic life with long lasting effects

H412 Harmful to aquatic life with long lasting effects

· 16.6 Training advice:

Workers must be educated and trained so they can read SDS and understand the hazards, and know how to work safely with hazardous products.

· 16.7 Further information

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

DISCLAIMER OF LIABILITY:

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End of safety data sheet