



# Strawberry Vanilla #TCDL-CFRA-BOWL-NSTV

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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Supersedes:

Version:

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Strawberry Vanilla  
Product code : TCDL-CFRA-BOWL-NSTV  
Type of product : Perfumes, Fragrances  
Product group : Finished Good

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Industrial/Professional use spec : Industrial  
Use of the substance/mixture : Perfumes, Fragrances  
Function or use category : Odour agents

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Cosy Owl, 20-28 Albert Road, Braintree, Essex, CM7 3JQ, UK

<http://www.cosyowl.com>

Tel: +44-1376 560348

#### 1.4. Emergency telephone number

Emergency number: Tel: +44-1376 560348

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral) Category 4 H302  
Skin sensitization, Category 1 H317  
Hazardous to the aquatic environment - Chronic Hazard Category 2 H411

Full text of hazard classes and H-statements : see section 16

##### Adverse physicochemical, human health and environmental effects

Harmful if swallowed. Toxic to aquatic life with long lasting effects. May cause an allergic skin reaction.

#### 2.2. Label elements

##### Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

GHS09

Signal word (CLP) : Warning  
Hazardous ingredients : acetyl propionyl; Triplal (Vertocitral); Aldehyde C-16; Benzyl benzoate; Furaneol; Cinnamic aldehyde  
Hazard statements (CLP) : H302 - Harmful if swallowed  
H317 - May cause an allergic skin reaction  
H411 - Toxic to aquatic life with long lasting effects  
Precautionary statements (CLP) : P264 - Wash hands thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.

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P280 - Wear eye protection, face protection, face shield, protective clothing, protective gloves.  
P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzyl benzoate	(CAS-No.) 120-51-4 (EC-No.) 204-402-9 (EC Index-No.) 607-085-00-9	20 - 40	Acute Tox. 4 (Oral), H302 Aquatic Chronic 2, H411
Aldehyde C-16	(CAS-No.) 77-83-8 (EC-No.) 201-061-8	7.75 - 32.75	Aquatic Chronic 2, H411 Skin Sens. 1B, H317
Veltol plus crystals	(CAS-No.) 4940-11-8 (EC-No.) 225-582-5	0.775 - 3.275	Acute Tox. 4 (Oral), H302
Oxypheylon (Raspberry ketone) crystals	(CAS-No.) 5471-51-2 (EC-No.) 226-806-4	0.5425 - 2.2925	Acute Tox. 4 (Oral), H302
Aldehyde C-14	(CAS-No.) 104-67-6 (EC-No.) 203-225-4	0.496 - 2.096	Aquatic Chronic 3, H412
Ethyl vanillin crystals	(CAS-No.) 121-32-4 (EC-No.) 204-464-7	0.3875 - 1.6375	Eye Irrit. 2, H319
Cinnamic aldehyde	(CAS-No.) 104-55-2 (EC-No.) 203-213-9	0.1 - 1.5	Acute Tox. 4 (Dermal), H312 Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1A, H317
acetyl propionyl	(CAS-No.) 600-14-6 (EC-No.) 209-984-8	0.7 - 1	Eye Dam. 1, H318 Flam. Liq. 2, H225 Skin Sens. 1B, H317 STOT RE 2, H373
Propionic acid substance with a Community workplace exposure limit	(CAS-No.) 79-09-4 (EC-No.) 201-176-3 (EC Index-No.) 607-089-00-0	0.1 - 1	Flam. Liq. 3, H226 Skin Corr. 1B, H314
Triplal (Vertocitral)	(CAS-No.) 68039-49-6 (EC-No.) 268-264-1	0.1 - 1	Aquatic Chronic 2, H411 Skin Irrit. 2, H315 Skin Sens. 1B, H317

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Propionic acid	(CAS-No.) 79-09-4 (EC-No.) 201-176-3 (EC Index-No.) 607-089-00-0	(C >= 10) STOT SE 3, H335 ( 10 =<C < 25) Eye Irrit. 2, H319 ( 10 =<C < 25) Skin Irrit. 2, H315 (C >= 25) Skin Corr. 1B, H314

Allergen report available upon request.

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a poison center/doctor/physician if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get immediate medical advice/attention. Get medical advice/attention. Specific treatment (see Call a physician immediately on this label). Wash contaminated clothing before reuse. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician if you feel unwell. Call a poison center/doctor/physician if you feel unwell.

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### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	: May cause an allergic skin reaction.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after ingestion	: Swallowing a small quantity of this material will result in serious health hazard.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Combustible liquid.
Explosion hazard	: May form flammable/explosive vapor-air mixture.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
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#### 6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.
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#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment	: Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Other information	: Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed	: Handle empty containers with care because residual vapors are flammable. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing fume, gas, mist, spray, vapors. No open flames. No smoking. Avoid contact with skin and eyes.
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Always wash hands after handling the product.

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

Technical measures	: Proper grounding procedures to avoid static electricity should be followed.
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Storage conditions	: Keep only in the original container in a cool, well ventilated place away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Keep in fireproof place. Store in a well-ventilated place. Keep cool.	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Keep in fireproof place. Store in a well-ventilated place. Keep cool.
Incompatible products	: Strong bases. Strong acids.	
Incompatible materials	: Sources of ignition. Direct sunlight. Heat sources.	
Storage temperature	: 25 °C	
Storage area	: Store in a well-ventilated place. Store away from heat.	
Special rules on packaging	: Store in a closed container.	
Packaging materials	: Do not store in corrodable metal.	

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

acetyl propionyl (600-14-6)		
USA - NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	9.3 ppb
USA - NIOSH	NIOSH REL (STEL) (mg/m <sup>3</sup> )	31 ppb
Propionic acid (79-09-4)		
EU	IOELV TWA (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	10 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	20 ppm
Austria	MAK (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Austria	MAK (ppm)	10 ppm
Austria	MAK Short time value (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	20 ppm
Belgium	Limit value (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	10 ppm
Belgium	Short time value (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	20 ppm
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Bulgaria	OEL TWA (ppm)	10 ppm
Bulgaria	OEL STEL (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Bulgaria	OEL STEL (ppm)	20 ppm
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (ppm)	10 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	20 ppm
Cyprus	OEL TWA (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Cyprus	OEL TWA (ppm)	10 ppm
Cyprus	OEL STEL (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Cyprus	OEL STEL (ppm)	20 ppm
Czech Republic	Exposure limits (PEL) (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup>
Denmark	Limit (long-term) (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Denmark	Limit (long-term) (ppm)	10 ppm
Estonia	OEL TWA (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Estonia	OEL TWA (ppm)	10 ppm
Estonia	OEL STEL (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Estonia	OEL STEL (ppm)	20 ppm
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	10 ppm
Finland	HTP-arvo (15 min)	61 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min) (ppm)	20 ppm
France	VME (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup> (indicative limit)

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Propionic acid (79-09-4)		
France	VME (ppm)	10 ppm (indicative limit)
France	VLE (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup> (indicative limit)
France	VLE (ppm)	20 ppm (indicative limit)
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup> (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 900 Occupational exposure limit value (ppm)	10 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Gibraltar	Eight hours mg/m <sup>3</sup>	31 mg/m <sup>3</sup>
Gibraltar	Eight hours ppm	10 ppm
Gibraltar	Short-term mg/m <sup>3</sup>	62 mg/m <sup>3</sup>
Gibraltar	Short-term ppm	20 ppm
Greece	OEL TWA (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup>
Greece	OEL TWA (ppm)	10 ppm
Greece	OEL STEL (mg/m <sup>3</sup> )	60 mg/m <sup>3</sup>
Greece	OEL STEL (ppm)	20 ppm
Hungary	Exposure Limit Value	31 mg/m <sup>3</sup>
Hungary	CK-érték	62 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	10 ppm
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Ireland	OEL (15 min ref) (ppm)	20 ppm
Italy	OEL TWA (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Italy	OEL TWA (ppm)	10 ppm
Italy	OEL STEL (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Italy	OEL STEL (ppm)	20 ppm
Latvia	OEL TWA (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Latvia	OEL TWA (ppm)	10 ppm
Lithuania	IPRV (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Lithuania	IPRV (ppm)	10 ppm
Lithuania	TPRV (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Lithuania	TPRV (ppm)	20 ppm
Luxembourg	OEL TWA (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Luxembourg	OEL TWA (ppm)	10 ppm
Luxembourg	OEL STEL (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Luxembourg	OEL STEL (ppm)	20 ppm
Malta	OEL TWA (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Malta	OEL TWA (ppm)	10 ppm
Malta	OEL STEL (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Malta	OEL STEL (ppm)	20 ppm
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Poland	NDS (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup>
Poland	NDSch (mg/m <sup>3</sup> )	45 mg/m <sup>3</sup>
Portugal	OEL TWA (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup> (indicative limit value)
Portugal	OEL TWA (ppm)	10 ppm (indicative limit value)
Portugal	OEL STEL (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup> (indicative limit value)
Portugal	OEL STEL (ppm)	20 ppm (indicative limit value)
Romania	OEL TWA (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Romania	OEL TWA (ppm)	10 ppm
Romania	OEL STEL (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Romania	OEL STEL (ppm)	20 ppm
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>

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<b>Propionic acid (79-09-4)</b>		
Slovakia	NPHV (priemerná) (ppm)	10 ppm
Slovakia	NPHV (Hraničná) (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Slovenia	OEL TWA (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
Slovenia	OEL TWA (ppm)	10 ppm
Slovenia	OEL STEL (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Slovenia	OEL STEL (ppm)	20 ppm
Spain	VLA-ED (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup> (indicative limit value)
Spain	VLA-ED (ppm)	10 ppm (indicative limit value)
Spain	VLA-EC (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Spain	VLA-EC (ppm)	20 ppm
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (ppm)	10 ppm
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (ppm)	20 ppm
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	31 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	10 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	46 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	15 ppm
Norway	TWA (AN) (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup>
Norway	TWA (AN) (ppm)	10 ppm
Norway	TWA (Korttidsverdi) (mg/m <sup>3</sup> )	45 mg/m <sup>3</sup> (value calculated)
Norway	TWA (Korttidsverdi) (ppm)	15 ppm (value calculated)
Switzerland	MAK (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup>
Switzerland	MAK (ppm)	10 ppm
Switzerland	KZGW (mg/m <sup>3</sup> )	60 mg/m <sup>3</sup>
Switzerland	KZGW (ppm)	20 ppm
Australia	TWA (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup>
Australia	TWA (ppm)	10 ppm
Canada (Quebec)	VEMP (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup>
Canada (Quebec)	VEMP (ppm)	10 ppm
USA - ACGIH	ACGIH TWA (ppm)	10 ppm
USA - NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup>
USA - NIOSH	NIOSH REL (TWA) (ppm)	10 ppm
USA - NIOSH	NIOSH REL (STEL) (mg/m <sup>3</sup> )	45 mg/m <sup>3</sup>
USA - NIOSH	NIOSH REL (STEL) (ppm)	15 ppm
<b>Benzyl benzoate (120-51-4)</b>		
USA - NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	<=

### 8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses. Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: Wear appropriate mask
Environmental exposure controls	: Avoid release to the environment.
Other information	: Do not eat, drink or smoke during use.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: light yellow. amber.
Odor	: strawberry.
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 90 °C (closed cup) ASTM D7094
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Combustible liquid, Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 1.1
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Combustible liquid. May form flammable/explosive vapor-air mixture. Not established.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Oral: Harmful if swallowed.

ATE CLP (oral)	772.2852516123 mg/kg body weight
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Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
	Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified

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Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Specific target organ toxicity – single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Specific target organ toxicity – repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	: Harmful if swallowed.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: Toxic to aquatic life with long lasting effects.
Ecology - water	: Toxic to aquatic life with long lasting effects.

#### 12.2. Persistence and degradability

<b>Strawberry Vanilla</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.

#### 12.3. Bioaccumulative potential

<b>Strawberry Vanilla</b>	
Bioaccumulative potential	Not established.

#### 12.4. Mobility in soil

No additional information available

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

No additional information available

#### 12.6. Other adverse effects

Additional information	: Avoid release to the environment.
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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/national laws and regulations.
Additional information	: Handle empty containers with care because residual vapors are flammable.
Ecology - waste materials	: Avoid release to the environment.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

UN-No. (ADR)	: 3082
UN-No. (IMDG)	: 3082
UN-No. (IATA)	: 3082
UN-No. (ADN)	: 3082
UN-No. (RID)	: 3082

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IATA)	: Environmentally hazardous substance, liquid, n.o.s.
Proper Shipping Name (ADN)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (RID)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport document description (ADR)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate), 9, III, (E)



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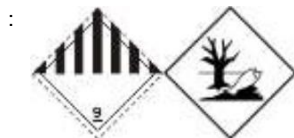
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Transport document description (IMDG)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate), 9, III, MARINE POLLUTANT
Transport document description (IATA)	: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Benzyl benzoate), 9, III
Transport document description (ADN)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
Transport document description (RID)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR)	: 9
Hazard labels (ADR)	: 9



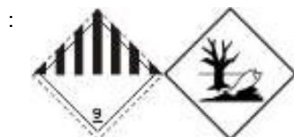
#### IMDG

Transport hazard class(es) (IMDG)	: 9
Hazard labels (IMDG)	: 9



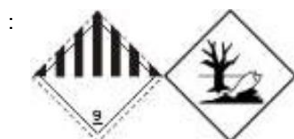
#### IATA

Transport hazard class(es) (IATA)	: 9
Hazard labels (IATA)	: 9



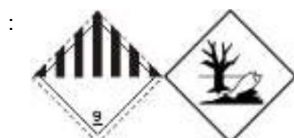
#### ADN

Transport hazard class(es) (ADN)	: 9
Hazard labels (ADN)	: 9



#### RID

Transport hazard class(es) (RID)	: 9
Hazard labels (RID)	: 9



### 14.4. Packing group

Packing group (ADR)	: III
Packing group (IMDG)	: III
Packing group (IATA)	: III
Packing group (ADN)	: III

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Packing group (RID) : III

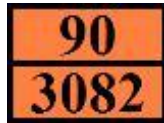
### 14.5. Environmental hazards

Dangerous for the environment : Yes  
Marine pollutant : Yes  
Other information : No supplementary information available

### 14.6. Special precautions for user

#### - Overland transport

Classification code (ADR) : M6  
Special provision (ADR) : 274, 335, 601, 375  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P001, IBC03, LP01, R001  
Special packing provisions (ADR) : PP1  
Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR) : T4  
Portable tank and bulk container special provisions (ADR) : TP1, TP29  
Tank code (ADR) : LGBV  
Vehicle for tank carriage : AT  
Transport category (ADR) : 3  
Special provisions for carriage - Packages (ADR) : V12  
Special provisions for carriage - Loading, unloading and handling (ADR) : CV13  
Hazard identification number (Kemler No.) : 90  
Orange plates :



Tunnel restriction code (ADR) : E  
EAC : +3Z

#### - Transport by sea

Special provision (IMDG) : 274, 335, 969  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : P001, LP01  
Packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP2, TP29  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-F  
Stowage category (IMDG) : A

#### - Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y964  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 964  
PCA max net quantity (IATA) : 450L  
CAO packing instructions (IATA) : 964  
CAO max net quantity (IATA) : 450L  
Special provision (IATA) : A97, A158, A197  
ERG code (IATA) : 9L

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### - Inland waterway transport

Classification code (ADN)	: M6
Special provision (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP
Number of blue cones/lights (ADN)	: 0

### - Rail transport

Classification code (RID)	: M6
Special provision (RID)	: 274, 335, 375, 601
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 90

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Strawberry Vanilla - Aldehyde C-16 - Benzyl benzoate - Cinnamic aldehyde
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	Strawberry Vanilla - Aldehyde C-16 - Aldehyde C-14 - Benzyl benzoate

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

#### 15.1.2. National regulations

##### Germany

VwVwS Annex reference : Water hazard class (WGK) 2, significant hazardous to water (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : Triplal (Vertocitral) is listed

SZW-lijst van mutagene stoffen : Triplal (Vertocitral) is listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

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NIET-limitatieve lijst van voor de voortplanting : None of the components are listed  
giftige stoffen – Ontwikkeling

### Denmark

Class for fire hazard : Class III-1  
Store unit : 50 liter  
Classification remarks : Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed  
Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1A	Skin sensitization, category 1A
Skin Sens. 1B	Skin sensitization, category 1B
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*