

**Trade name:** Duftstoff Oriental Spirit

**Product no.:** 358999

**Current version :** 2.0.0, issued: 06.12.2021

**Replaced version:** 1.0.0, issued: 28.10.2020

**Region:** GB

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

### 1.1 Product identifier

**Trade name**

**Duftstoff Oriental Spirit**

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

**Relevant identified uses of the substance or mixture**

Fragrances

**Uses advised against**

No data available.

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

**Address**

Koch-Chemie GmbH

Einsteinstr. 42

D-59423 Unna

Telephone no. +49-2303-9 86 70-0

Fax no. +49-2303-9 86 70-26

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

For information in the event of an emergency during transport:

+44 1865 407333

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Aquatic Chronic 1; H410

Eye Irrit. 2; H319

Skin Irrit. 2; H315

Skin Sens. 1; H317

**Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)**

**Hazard pictograms**



GHS07



GHS09

**Signal word**

Warning

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1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1 one  
 4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde  
 Coumarin  
 linalool  
 3-(4-tert-butylphenyl)propionaldehyde  
 linalyl acetate  
 dipentene  
 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one  
 4-allylanisole  
 cineol  
 d-p-mentha-1(6),8-dien-2-one  
 piperonal  
 cis-4-(isopropyl)cyclohexanemethanol  
 Eugenol  
 geraniol  
 1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one  
 (-)-pin-2(3)-ene  
 alpha-hexylcinnamaldehyde

**Hazard statement(s)**

H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.  
 H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statement(s)**

P261 Avoid breathing vapours/spray.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/eye 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.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P391 Collect spillage.

**2.3 Other hazards**

The product contains ingredients identified as endocrine disruptors according to Regulation (EU) 2017/2100 (> 0.1%).

**PBT assessment**

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

**vPvB assessment**

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures****Hazardous ingredients**

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1		

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	<b>one</b>			
	54464-57-2 259-174-3 - -	Aquatic Chronic 1; H410 Skin Sens. 1; H317 Skin Irrit. 2; H315	>= 10.00 - < 25.00	wt%
2	<b>4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde</b>			
	31906-04-4 250-863-4 605-040-00-8 -	Skin Sens. 1A; H317	>= 5.00 - < 10.00	wt%
3	<b>Coumarin</b>			
	91-64-5 202-086-7 - -	Acute Tox. 4; H302 Skin Sens. 1B; H317 Aquatic Chronic 3; H412	>= 5.00 - < 10.00	wt%
4	<b>2,6-dimethyloct-7-en-2-ol</b>			
	18479-58-8 242-362-4 - -	Eye Irrit. 2; H319 Skin Irrit. 2; H315	>= 5.00 - < 10.00	wt%
5	<b>1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran</b>			
	1222-05-5 214-946-9 603-212-00-7 -	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 5.00 - < 10.00	wt%
6	<b>1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one</b>			
	1506-02-1 216-133-4 - -	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 5.00	wt%
7	<b>linalool</b>			
	78-70-6 201-134-4 603-235-00-2 -	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Irrit. 2; H319	< 5.00	wt%
8	<b>vanillin</b>			
	121-33-5 204-465-2 - -	Eye Irrit. 2; H319	< 5.00	wt%
9	<b>3-(4-tert-butylphenyl)propionaldehyde</b>			
	18127-01-0 242-016-2 - -	Skin Irrit. 2; H315 Skin Sens. 1B; H317 STOT RE 2; H373 Aquatic Chronic 3; H412	< 5.00	wt%
10	<b>linalyl acetate</b>			
	115-95-7 204-116-4 - -	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317	< 5.00	wt%
11	<b>dipentene</b>		<b>pls. refer to footnote (1)</b>	
	138-86-3 205-341-0 601-029-00-7 -	Aquatic Chronic 1; H410 Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Acute 1; H400	< 2.50	wt%

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12	<b>3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one</b>			
	127-51-5 204-846-3 - -	Aquatic Chronic 2; H411 Skin Sens. 1B; H317	< 2.50	wt%
13	<b>4-allylanisole</b>			
	140-67-0 205-427-8 - -	Acute Tox. 4; H302 Skin Sens. 1B; H317 Skin Irrit. 2; H315 Muta. 2; H341 Carc. 2; H351 Aquatic Chronic 3; H412	< 2.50	wt%
14	<b>cineol</b>			
	470-82-6 207-431-5 - 01-2119967772-24	Flam. Liq. 3; H226 Skin Sens. 1B; H317	< 2.50	wt%
15	<b>d-p-mentha-1(6),8-dien-2-one</b>			
	99-49-0 202-759-5 606-148-00-8 -	Skin Sens. 1; H317	< 2.50	wt%
16	<b>(Z)-3-hexenyl salicylate</b>			
	65405-77-8 265-745-8 - -	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 2.50	wt%
17	<b>piperonal</b>			
	120-57-0 204-409-7 - -	Skin Sens. 1B; H317	< 2.50	wt%
18	<b>2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol</b>			
	28219-61-6 248-908-8 - -	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Eye Irrit. 2; H319	< 2.50	wt%
19	<b>cis-4-(isopropyl)cyclohexanemethanol</b>			
	13828-37-0 237-539-8 - -	Skin Irrit. 2; H315 Skin Sens. 1B; H317	< 2.50	wt%
20	<b>Eugenol</b>			
	97-53-0 202-589-1 - -	Eye Irrit. 2; H319 Skin Sens. 1B; H317	< 0.50	wt%
21	<b>geraniol</b>			
	106-24-1 203-377-1 603-241-00-5 -	Skin Sens. 1; H317	< 0.50	wt%
22	<b>diphenylmethane</b>			
	101-81-5 202-978-6 -	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 0.50	wt%
23	<b>1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one</b>			

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	127-43-5 204-843-7 - -	Aquatic Chronic 2; H411 Skin Sens. 1; H317 Skin Irrit. 2; H315	< 0.50	wt%
24	<b>[3R-(3alpha,3abeta,7beta,8aalpha)]-2,3,4,7,8,8a-hexahydro-3,6,8,8 tetramethyl-1H-3a,7-methanoazulene</b>			
	469-61-4 207-418-4 - -	Aquatic Acute 1; H400 Asp. Tox. 1; H304 Aquatic Chronic 1; H410	< 0.50	wt%
25	<b>(-)-pin-2(3)-ene</b>			
	7785-26-4 232-077-3 - -	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Sens. 1B; H317 Skin Irrit. 2; H315	< 0.50	wt%
26	<b>alpha-hexylcinnamaldehyde</b>			
	101-86-0 202-983-3 - 01-2119533092-50	Aquatic Acute 1; H400 Aquatic Chronic 2; H411 Skin Sens. 1B; H317	< 0.50	wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(1) Aberrant from/in addition to the classification set out in Annex VI, this substance is classified according to European Regulation (EC) No 1272/2008 (CLP), Article 4 (3), paragraph 2.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
24	-	-	M = 10	M = 10

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of allergic symptoms, especially respiratory tract related, seek medical help immediately.

**After inhalation**

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. Do not use mouth-to-mouth or mouth-to-nose resuscitation.

**After skin contact**

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

**After eye contact**

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

**After ingestion**

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor immediately.

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

No data available.

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

No data available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

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Water spray jet; Foam; Carbon dioxide; Dry chemical extinguisher

**Unsuitable extinguishing media**

High power water jet

**5.2 Special hazards arising from the substance or mixture**In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)**5.3 Advice for firefighters**

Use self-contained breathing apparatus. Wear full protective suit. Run-off water from fire fighting must not be discharged into drains or enter surface water.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Use personal protective clothing.

**For emergency responders**

Personal protective equipment (PPE) - see section 8.

**6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. In case of entry into waterways, soil or drains, inform the responsible authorities.

**6.3 Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

**6.4 Reference to other sections**

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Advice on safe handling**

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

**General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing. Have emergency shower available. Provide eye wash fountain in work area.

**7.2 Conditions for safe storage, including any incompatibilities****Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place.

**Requirements for storage rooms and vessels**

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

**Incompatible products**

Substances to be avoided, see section 10.

**7.3 Specific end use(s)**

No data available.

**SECTION 8: Exposure controls/personal protection**

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## 8.1 Control parameters

### DNEL, DMEL and PNEC values

#### DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	alpha-hexylcinnamaldehyde			101-86-0 202-983-3	
	dermal	Long term (chronic)	systemic	18.2	mg/kg/day
	dermal	Long term (chronic)	local	525	µg/cm <sup>2</sup>
	dermal	Short term (acute)	local	525	µg/cm <sup>2</sup>
	inhalative	Long term (chronic)	systemic	0.078	mg/m <sup>3</sup>
	inhalative	Short term (acute)	local	6.28	mg/m <sup>3</sup>

#### DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	alpha-hexylcinnamaldehyde			101-86-0 202-983-3	
	oral	Long term (chronic)	systemic	0.056	mg/kg/day
	dermal	Long term (chronic)	systemic	9.11	mg/kg/day
	dermal	Long term (chronic)	local	78.7	µg/cm <sup>2</sup>
	inhalative	Long term (chronic)	systemic	0.019	mg/m <sup>3</sup>
	inhalative	Short term (acute)	local	4.71	mg/m <sup>3</sup>

#### PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	alpha-hexylcinnamaldehyde		101-86-0 202-983-3	
	water	fresh water	0.001	mg/L
	water	marine water	0	mg/L
	water	fresh water sediment	3.2	mg/kg dry weight
	water	marine water sediment	0.064	mg/kg dry weight
	soil	-	0.398	mg/kg dry weight
	sewage treatment plant	-	10	mg/L

## 8.2 Exposure controls

### Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

### Personal protective equipment

#### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Filter A or environment-independent breathing apparatus.

#### Eye / face protection

Safety glasses with side protection shield (EN 166)

#### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the

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manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material	neoprene		
Appropriate Material	nitrile		
Material thickness		0.5	mm
Breakthrough time	>	120	min

**Other**

Chemical-resistant work clothes.

**Environmental exposure controls**

No data available.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

<b>State of aggregation</b>	
liquid	
<b>Form/Colour</b>	
liquid	
yellowish	
<b>Odour</b>	
characteristic	
<b>pH value</b>	
not determined	
<b>Boiling point / boiling range</b>	
No data available	
<b>Melting point/freezing point</b>	
No data available	
<b>Decomposition temperature</b>	
No data available	
<b>Flash point</b>	
Value	96 °C
<b>Ignition temperature</b>	
No data available	
<b>Oxidising properties</b>	
not oxidizing	
<b>Explosive properties</b>	
Product does not present an explosion hazard.	
<b>Flammability</b>	
No data available	
<b>Lower explosion limit</b>	
No data available	
<b>Upper explosion limit</b>	
No data available	
<b>Vapour pressure</b>	
No data available	
<b>Relative vapour density</b>	
No data available	



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<b>Relative density</b>	
No data available	

<b>Density</b>	
Value	0.986 g/cm <sup>3</sup>
Reference temperature	20 °C

<b>Solubility</b>	
No data available	

<b>Partition coefficient n-octanol/water (log value)</b>			
No	Substance name	CAS no.	EC no.
1	alpha-hexylcinnamaldehyde	101-86-0	202-983-3
log Pow		appr.	5.3
Reference temperature			24 °C
Method		OECD 117	
Source		ECHA	

<b>Viscosity</b>	
No data available	

<b>Particle characteristics</b>	
No data available	

**9.2 Other information**

<b>Other information</b>	
No data available.	

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

**10.3 Possibility of hazardous reactions**

Dangerous reactions are not to be expected when handling product according to its intended use.

**10.4 Conditions to avoid**

None known

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

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

<b>Acute oral toxicity (result of the ATE calculation for the mixture)</b>	
No	Product Name
1	Duftstoff Oriental Spirit
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).

<b>Acute oral toxicity</b>
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No data available

**Acute dermal toxicity**

No data available

**Acute inhalational toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitisation**

No	Substance name	CAS no.	EC no.
1	alpha-hexylcinnamaldehyde	101-86-0	202-983-3
Route of exposure		Skin	
Species		mouse	
Method		OECD 429	
Source		ECHA	
Evaluation		strongly sensitizing	

**Germ cell mutagenicity**

No data available

**Reproduction toxicity**

No data available

**Carcinogenicity**

No data available

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No data available

**Aspiration hazard**

No data available

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

CAS 1506-02-1 is under assessment as Endocrine Disrupting (ED list).

**Other information**

No data available.

**SECTION 12: Ecological information****12.1 Toxicity**

<b>Toxicity to fish (acute)</b>			
No	Substance name	CAS no.	EC no.
1	alpha-hexylcinnamaldehyde	101-86-0	202-983-3
LC50		1.7	mg/l
Duration of exposure		96	h
Species		Pimephales promelas	
Method		OECD 203	
Source		ECHA	
<b>Toxicity to fish (chronic)</b>			
No data available			

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Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	alpha-hexylcinnamaldehyde	101-86-0	202-983-3
EC50		0.36	- 0.59
Duration of exposure			mg/l 48 h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	alpha-hexylcinnamaldehyde	101-86-0	202-983-3
NOEC			63 µg/l
Duration of exposure			21 day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	alpha-hexylcinnamaldehyde	101-86-0	202-983-3
EC50		>	0.065 mg/l
Duration of exposure			72 h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)			
No data available			

Bacteria toxicity			
No data available			

## 12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	alpha-hexylcinnamaldehyde	101-86-0	202-983-3
Value	appr.	97	%
Duration		28	day(s)
Method	OECD 301 F		
Source	ECHA		

## 12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	alpha-hexylcinnamaldehyde	101-86-0	202-983-3
log Pow	appr.	5.3	
Reference temperature		24	°C
Method	OECD 117		
Source	ECHA		

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

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vPvB assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.
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**12.6 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects**

No data available.

**12.8 Other information**

<b>Other information</b>
Do not discharge into drains or waters and do not dispose of in public landfills.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

**SECTION 14: Transport information****14.1 Transport ADR/RID/ADN**

Class	9
Classification code	M6
Packing group	III
Hazard identification no.	90
UN number	UN3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1 one 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran
Tunnel restriction code	-
Label	9
Environmentally hazardous substance mark	Symbol "fish and tree"

**14.2 Transport IMDG**

Class	9
Packing group	III
UN number	UN3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1 one 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran
EmS	F-A, S-F
Label	9
Marine pollutant mark	Symbol "fish and tree"

**14.3 Transport ICAO-TI / IATA**

Class	9
Packing group	III

**Trade name:** Duftstoff Oriental Spirit**Product no.:** 358999**Current version :** 2.0.0, issued: 06.12.2021**Replaced version:** 1.0.0, issued: 28.10.2020**Region:** GB

UN number	UN3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Technical name	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1 one 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran
Label	9
Environmentally hazardous substance mark	Symbol "fish and tree"

**14.4 Other information**

No data available.

**14.5 Environmental hazards**

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

**14.6 Special precautions for user**

No data available.

**14.7 Maritime transport in bulk according to IMO instruments**

Not relevant

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

**REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES**

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.	No 3
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**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is subject to Part I of Annex I, risk category:	E1
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**Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)**

VOC content	60.15 %
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**Other regulations**

Adhere to the national sanitary and occupational safety regulations when using this product.  
Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed.

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for this mixture.

**SECTION 16: Other information****Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

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**Trade name:** Duftstoff Oriental Spirit**Product no.:** 358999**Current version :** 2.0.0, issued: 06.12.2021**Replaced version:** 1.0.0, issued: 28.10.2020**Region:** GB

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The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

**Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**Creation of the safety data sheet**

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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