

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Hotel Tropicana  
UFI : 9GHU-03VX-000N-PVJE  
Product code :  
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 use  
Industrial/Professional use spec : Industrial

##### 1.2.2. Uses advised against

No additional information available

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

Kandara Oils Ltd  
Unit 11, Agecroft Enterprise Park, Shearer Way,  
Manchester, M27 8WA +447786556114  
[kandaraoils@gmail.com](mailto:kandaraoils@gmail.com) - [www.kandaraoils.co.uk](http://www.kandaraoils.co.uk)

#### 1.4. Emergency telephone number

Emergency number : +44 77865 56114

### SECTION 2: Hazards identification

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

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

Skin sensitization, Category 1 H317  
Hazardous to the aquatic environment - Chronic Hazard Category 3 H412  
Full text of H statements : see section 16

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

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

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning  
Hazardous ingredients : Aldehyde C-16; Citral; Hexyl cinnamic aldehyde; Helional; d-Limonene; Orange Oil; Orange oil ; Triplal (Vertocitral)  
Hazard statements (CLP) : H317 - May cause an allergic skin reaction.  
H412 - Harmful to aquatic life with long lasting effects.

# Hotel Tropicana

## Safety Data Sheet

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

Precautionary statements (CLP) : P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

### 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]
Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit	(CAS-No.) 34590-94-8 (EC-No.) 252-104-2	56.1 – 76.1009	Not classified
Verdox	(CAS-No.) 88-41-5 (EC-No.) 201-828-7 (REACH-no) 01-2119970713-33	0.65 – 1.3	Aquatic Chronic 2, H411
Orange oil	(CAS-No.) 8008-57-9 (EC-No.) 232-433-8 (REACH-no) 01-2119493353-35	0.55 – 1.1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Orange Oil	(CAS-No.) 8028-48-6 (EC-No.) 232-433-8	0.5 – 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Aldehyde C-16	(CAS-No.) 77-83-8 (EC-No.) 201-061-8 (REACH-no) 01-2119967770-28	0.425 – 0.85	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Citral	(CAS-No.) 5392-40-5 (EC-No.) 226-394-6 (EC Index-No.) 605-019-00-3 (REACH-no) 01-2119462829-23	0.275 – 0.55	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
d-Limonene	(CAS-No.) 5989-27-5 (EC-No.) 227-813-5 (EC Index-No.) 601-029-00-7 (REACH-no) 01-2119493353-35	0.275 – 0.55	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Triplal (Vertocitral)	(CAS-No.) 68039-49-6 (EC-No.) 268-264-1	0.225 – 0.45	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412

# Hotel Tropicana

## Safety Data Sheet

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

Allyl caproate	(CAS-No.) 123-68-2 (EC-No.) 204-642-4 (REACH-no) 01-2119983573-26	0.2 – 0.4	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Benzyl benzoate	(CAS-No.) 120-51-4 (EC-No.) 204-402-9 (EC Index-No.) 607-085-00-9 (REACH-no) 01-2119976371-33	0.198 – 0.396	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Camphene	(CAS-No.) 79-92-5 (EC-No.) 201-234-8	0.125 – 0.25	Flam. Sol. 2, H228 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Isoamyl acetate substance with a Community workplace exposure limit	(CAS-No.) 123-92-2 (EC-No.) 204-662-3 (EC Index-No.) 607-130-00-2 (REACH-no) 01-2119548408-32	0.075 – 0.15	Flam. Liq. 3, H226
Allyl heptanoate	(CAS-No.) 142-19-8 (EC-No.) 205-527-1 (REACH-no) 01-2119488961-23	0.075 – 0.15	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Hexyl cinnamic aldehyde	(CAS-No.) 101-86-0 (EC-No.) 202-983-3 (REACH-no) 01-2119533092-50	0.075 – 0.15	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Helional	(CAS-No.) 1205-17-0 (EC-No.) 214-881-6 (REACH-no) 01-2120740119-58	0.075 – 0.15	Skin Sens. 1B, H317 Aquatic Chronic 2, H411

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: 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 eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.

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

Symptoms/effects after skin contact	: May cause an allergic skin reaction.
-------------------------------------	--

### 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	: Water spray. Dry powder. Foam. Carbon dioxide.
------------------------------	--

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

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
--	--------------------------------

# Hotel Tropicana

## Safety Data Sheet

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

### 5.3. Advice for firefighters

Protection during firefighting : 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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear personal protective equipment.  
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Isoamyl acetate (123-92-2)

##### EU - Occupational Exposure Limits

IOELV TWA (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
IOELV TWA (ppm)	50 ppm
IOELV STEL (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
IOELV STEL (ppm)	100 ppm

##### Austria - Occupational Exposure Limits

MAK (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup> (Pentyl acetate (all isomers))
--------------------------	--

# Hotel Tropicana

## Safety Data Sheet

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

MAK (ppm)	50 ppm (Pentyl acetate (all isomers))
MAK Short time value (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup> (Pentylacetate)
MAK Short time value (ppm)	100 ppm (Pentylacetate)
<b>Belgium - Occupational Exposure Limits</b>	
Limit value (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
Limit value (ppm)	50 ppm
Short time value (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
Short time value (ppm)	100 ppm
<b>Bulgaria - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
<b>Croatia - Occupational Exposure Limits</b>	
GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
GVI (granična vrijednost izloženosti) (ppm)	50 ppm
KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	100 ppm
<b>Cyprus - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
<b>Denmark - Occupational Exposure Limits</b>	
Grænsevædi (8 timer) (mg/m <sup>3</sup> )	271 mg/m <sup>3</sup> (Amyl acetate, all isomers)
Grænsevædi (8 timer) (ppm)	50 ppm (Amyl acetate, all isomers)
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
<b>Finland - Occupational Exposure Limits</b>	
HTP-arvo (8h) (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup> (Pentyl acetate)
HTP-arvo (8h) (ppm)	50 ppm (Pentyl acetate)
HTP-arvo (15 min)	540 mg/m <sup>3</sup>
HTP-arvo (15 min) (ppm)	100 ppm
<b>France - Occupational Exposure Limits</b>	
VME (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup> (restrictive limit)
VME (ppm)	50 ppm (restrictive limit)
VLE (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup> (restrictive limit)

# Hotel Tropicana

## Safety Data Sheet

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

VLE (ppm)	100 ppm (restrictive limit)
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
Occupational exposure limit value (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
Occupational exposure limit value (ppm)	50 ppm
<b>Gibraltar - Occupational Exposure Limits</b>	
Eight hours mg/m <sup>3</sup>	270 mg/m <sup>3</sup>
Eight hours ppm	50 ppm
Short-term mg/m <sup>3</sup>	540 mg/m <sup>3</sup>
Short-term ppm	100 ppm
<b>Greece - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	530 mg/m <sup>3</sup>
OEL TWA (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	800 mg/m <sup>3</sup>
OEL STEL (ppm)	150 ppm
<b>Hungary - Occupational Exposure Limits</b>	
Exposure Limit Value	270 mg/m <sup>3</sup>
CK-érték	540 mg/m <sup>3</sup>
<b>Ireland - Occupational Exposure Limits</b>	
OEL (8 hours ref) (mg/m <sup>3</sup> )	260 mg/m <sup>3</sup>
OEL (8 hours ref) (ppm)	50 ppm
OEL (15 min ref) (mg/m <sup>3</sup> )	520 mg/m <sup>3</sup>
OEL (15 min ref) (ppm)	100 ppm
<b>Italy - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
IPRV (ppm)	50 ppm
TPRV (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
TPRV (ppm)	100 ppm
<b>Luxembourg - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm

# Hotel Tropicana

## Safety Data Sheet

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

<b>Malta - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
<b>Netherlands - Occupational Exposure Limits</b>	
Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	530 mg/m <sup>3</sup>
<b>Poland - Occupational Exposure Limits</b>	
NDS (mg/m <sup>3</sup> )	250 mg/m <sup>3</sup>
NDSch (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
<b>Portugal - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup> (indicative limit value)
OEL TWA (ppm)	50 ppm (indicative limit value)
OEL STEL (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup> (indicative limit value)
OEL STEL (ppm)	100 ppm (indicative limit value, regulated under Pentyl acetate, all isomers)
<b>Romania - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
<b>Slovakia - Occupational Exposure Limits</b>	
NPHV (priemerná) (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
NPHV (priemerná) (ppm)	50 ppm
NPHV (Hraničná) (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup> (indicative limit value)
VLA-ED (ppm)	50 ppm (indicative limit value)
VLA-EC (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
VLA-EC (ppm)	100 ppm
<b>Sweden - Occupational Exposure Limits</b>	
nivågränsvärde (NVG) (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup> (Pentyl acetates)
nivågränsvärde (NVG) (ppm)	50 ppm (Pentyl acetates)
kortidsvärde (KTV) (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup> (Pentyl acetates)
kortidsvärde (KTV) (ppm)	100 ppm (Pentyl acetates)
<b>Norway - Occupational Exposure Limits</b>	
TWA (AN) (mg/m <sup>3</sup> )	260 mg/m <sup>3</sup>

# Hotel Tropicana

## Safety Data Sheet

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

TWA (AN) (ppm)	50 ppm
TWA (Korttidsverdi) (mg/m <sup>3</sup> )	325 mg/m <sup>3</sup> (value calculated)
TWA (Korttidsverdi) (ppm)	75 ppm (value calculated)
<b>Turkey - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
OEL STEL (ppm)	100 ppm
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH TWA (ppm)	50 ppm (Pentyl acetate, all isomers)
ACGIH STEL (ppm)	100 ppm (Pentyl acetate, all isomers)

<b>Citral (5392-40-5)</b>	
<b>Belgium - Occupational Exposure Limits</b>	
Limit value (mg/m <sup>3</sup> )	32 mg/m <sup>3</sup> (vapor and aerosol)
Limit value (ppm)	5 ppm (vapor and aerosol)
OEL chemical category (BE)	Skin
<b>Ireland - Occupational Exposure Limits</b>	
OEL (8 hours ref) (ppm)	5 ppm
OEL (15 min ref) (ppm)	15 ppm (calculated)
<b>Poland - Occupational Exposure Limits</b>	
NDS (mg/m <sup>3</sup> )	27 mg/m <sup>3</sup>
NDSch (mg/m <sup>3</sup> )	54 mg/m <sup>3</sup>
<b>Portugal - Occupational Exposure Limits</b>	
OEL TWA (ppm)	5 ppm
OEL chemical category (PT)	Sensitizer, skin - potential for cutaneous exposure
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (ppm)	5 ppm (inhalable fraction and vapor)
OEL chemical category (ES)	Sensitizer, skin - potential for cutaneous absorption
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH TWA (ppm)	5 ppm (inhalable fraction and vapor)
ACGIH chemical category	dermal sensitizer, Skin - potential significant contribution to overall exposure by the cutaneous route, Not Classifiable as a Human Carcinogen

<b>Camphene (79-92-5)</b>	
<b>Switzerland - Occupational Exposure Limits</b>	
KZGW (mg/m <sup>3</sup> )	224 mg/m <sup>3</sup> (Turpentine oil)
KZGW (ppm)	40 ppm (Turpentine oil)
OEL chemical category (CH)	Sensitizer, skin notation

<b>d-Limonene (5989-27-5)</b>	
<b>Finland - Occupational Exposure Limits</b>	
HTP-arvo (8h) (mg/m <sup>3</sup> )	140 mg/m <sup>3</sup>



# Hotel Tropicana

## Safety Data Sheet

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

HTP-arvo (8h) (ppm)	25 ppm
HTP-arvo (15 min)	280 mg/m <sup>3</sup>
HTP-arvo (15 min) (ppm)	50 ppm
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
Occupational exposure limit value (mg/m <sup>3</sup> )	28 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Occupational exposure limit value (ppm)	5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Chemical category	skin notation, Skin sensitization
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	28 mg/m <sup>3</sup>
OEL TWA (ppm)	5 ppm
OEL STEL (mg/m <sup>3</sup> )	112 mg/m <sup>3</sup>
OEL STEL (ppm)	20 ppm
OEL chemical category (SI)	Potential for cutaneous absorption
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (mg/m <sup>3</sup> )	168 mg/m <sup>3</sup>
VLA-ED (ppm)	30 ppm
OEL chemical category (ES)	Sensitizer, skin - potential for cutaneous absorption
<b>Norway - Occupational Exposure Limits</b>	
TWA (AN) (mg/m <sup>3</sup> )	140 mg/m <sup>3</sup>
TWA (AN) (ppm)	25 ppm
TWA (Korttidsverdi) (mg/m <sup>3</sup> )	175 mg/m <sup>3</sup> (value calculated)
TWA (Korttidsverdi) (ppm)	37.5 ppm (value calculated)
OEL chemical category (NO)	Sensitizing substance
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (mg/m <sup>3</sup> )	40 mg/m <sup>3</sup>
MAK (ppm)	7 ppm
KZGW (mg/m <sup>3</sup> )	80 mg/m <sup>3</sup>
KZGW (ppm)	14 ppm
OEL chemical category (CH)	Sensitizer

### Dipropylene glycol monomethyl ether (34590-94-8)

#### EU - Occupational Exposure Limits

IOELV TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
IOELV TWA (ppm)	50 ppm
Notes	Possibility of significant uptake through the skin

#### Austria - Occupational Exposure Limits

MAK (mg/m <sup>3</sup> )	307 mg/m <sup>3</sup> (mixed isomers)
MAK (ppm)	50 ppm (mixed isomers)
MAK Short time value (mg/m <sup>3</sup> )	614 mg/m <sup>3</sup> (isomers mixtures)
MAK Short time value (ppm)	100 ppm (isomers mixtures)

# Hotel Tropicana

## Safety Data Sheet

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

OEL chemical category (AT)	skin notation
<b>Belgium - Occupational Exposure Limits</b>	
Limit value (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
Limit value (ppm)	50 ppm
OEL chemical category (BE)	Skin, skin notation
<b>Bulgaria - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
<b>Croatia - Occupational Exposure Limits</b>	
GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
GVI (granična vrijednost izloženosti) (ppm)	50 ppm
OEL chemical category (HR)	skin notation
<b>Cyprus - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL chemical category (CY)	Skin-potential for cutaneous absorption
<b>Czech Republic - Occupational Exposure Limits</b>	
Exposure limits (PEL) (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
OEL chemical category (CZ)	Potential for cutaneous absorption
<b>Denmark - Occupational Exposure Limits</b>	
Grænsevædi (8 timer) (mg/m <sup>3</sup> )	309 mg/m <sup>3</sup>
Grænsevædi (8 timer) (ppm)	50 ppm
OEL chemical category (DK)	Potential for cutaneous absorption
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL chemical category (ET)	skin notation
<b>Finland - Occupational Exposure Limits</b>	
HTP-arvo (8h) (mg/m <sup>3</sup> )	310 mg/m <sup>3</sup>
HTP-arvo (8h) (ppm)	50 ppm
OEL chemical category (FI)	Potential for cutaneous absorption
<b>France - Occupational Exposure Limits</b>	
VME (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup> (restrictive limit)
VME (ppm)	50 ppm (restrictive limit)
OEL chemical category (FR)	Risk of cutaneous absorption
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
Occupational exposure limit value (mg/m <sup>3</sup> )	310 mg/m <sup>3</sup> (isomer mixture)
Occupational exposure limit value (ppm)	50 ppm (isomer mixture)
<b>Gibraltar - Occupational Exposure Limits</b>	
Eight hours mg/m <sup>3</sup>	308 mg/m <sup>3</sup>
Eight hours ppm	50 ppm

# Hotel Tropicana

## Safety Data Sheet

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

OEL chemical category (GI)	skin notation
<b>Greece - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
OEL TWA (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>
OEL STEL (ppm)	150 ppm
OEL chemical category (GR)	skin - potential for cutaneous absorption
<b>Hungary - Occupational Exposure Limits</b>	
Exposure Limit Value	308 mg/m <sup>3</sup>
<b>Ireland - Occupational Exposure Limits</b>	
OEL (8 hours ref) (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
OEL (8 hours ref) (ppm)	50 ppm
OEL (15 min ref) (mg/m <sup>3</sup> )	924 mg/m <sup>3</sup> (calculated)
OEL (15 min ref) (ppm)	150 ppm (calculated)
OEL chemical category (IE)	Potential for cutaneous absorption
<b>Italy - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL chemical category (IT)	skin - potential for cutaneous absorption
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL chemical category (LV)	skin - potential for cutaneous exposure
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
IPRV (ppm)	50 ppm
TPRV (mg/m <sup>3</sup> )	450 mg/m <sup>3</sup>
TPRV (ppm)	75 ppm
OEL chemical category (LT)	skin notation
<b>Luxembourg - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL chemical category (LU)	Possibility of significant uptake through the skin
<b>Malta - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL chemical category (MT)	Possibility of significant uptake through the skin
<b>Netherlands - Occupational Exposure Limits</b>	
Grenswaarde TGG 8H (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
<b>Poland - Occupational Exposure Limits</b>	
NDS (mg/m <sup>3</sup> )	240 mg/m <sup>3</sup> (mixture of isomers: 1-(2-Methoxy-1-methylethoxy)propan-2-ol, 1-(2-Methoxy-2-methylethoxy)propan-2-ol and 2-(2-Methoxy-1-methylethoxy)propan-1-ol)

# Hotel Tropicana

## Safety Data Sheet

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

NDSCh (mg/m <sup>3</sup> )	480 mg/m <sup>3</sup> (mixture of isomers: 1-(2-Methoxy-1-methylethoxy)propan-2-ol, 1-(2-Methoxy-2-methylethoxy)propan-2-ol, 2-(2-Methoxy-1-methylethoxy)propan-1-ol)
<b>Portugal - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup> (indicative limit value)
OEL TWA (ppm)	50 ppm (indicative limit value)
OEL STEL (ppm)	150 ppm
OEL chemical category (PT)	skin - potential for cutaneous exposure indicative limit value
<b>Romania - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL chemical category (RO)	skin notation
<b>Slovakia - Occupational Exposure Limits</b>	
NPHV (priemerná) (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
NPHV (priemerná) (ppm)	50 ppm
OEL chemical category (SK)	Potential for cutaneous absorption
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
OEL STEL (ppm)	50 ppm
OEL chemical category (SI)	Potential for cutaneous absorption
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup> (indicative limit value)
VLA-ED (ppm)	50 ppm (indicative limit value)
OEL chemical category (ES)	skin - potential for cutaneous absorption
<b>Sweden - Occupational Exposure Limits</b>	
nivågränsvärde (NVG) (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
nivågränsvärde (NVG) (ppm)	50 ppm
kortidsvärde (KTV) (mg/m <sup>3</sup> )	450 mg/m <sup>3</sup>
kortidsvärde (KTV) (ppm)	75 ppm
OEL chemical category (SE)	skin notation
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
WEL TWA (ppm)	50 ppm
WEL STEL (mg/m <sup>3</sup> )	924 mg/m <sup>3</sup> (calculated)
WEL STEL (ppm)	150 ppm (calculated)
WEL chemical category	Potential for cutaneous absorption
<b>Norway - Occupational Exposure Limits</b>	
TWA (AN) (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
TWA (AN) (ppm)	50 ppm
TWA (Korttidsverdi) (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup> (value calculated)
TWA (Korttidsverdi) (ppm)	75 ppm (value calculated)

# Hotel Tropicana

## Safety Data Sheet

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

OEL chemical category (NO)	skin notation
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup> (aerosol, vapour)
MAK (ppm)	50 ppm (aerosol, vapour)
KZGW (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup> (aerosol, vapour)
KZGW (ppm)	50 ppm (aerosol, vapour)
<b>Turkey - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL chemical category (TR)	skin notation
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH TWA (ppm)	100 ppm
ACGIH STEL (ppm)	150 ppm
ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s):



#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Color	: light yellow. amber.
Odor	: characteristic.
Odor threshold	: No data available
pH	: No data available

# Hotel Tropicana

## Safety Data Sheet

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

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	: 91 °C (closed cup) ASTM D7094
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 0.99
Solubility	: No data available
Partition coefficient n-octanol/water (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

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Allyl caproate (123-68-2)	
LD50 oral	300 mg/kg body weight
LD50 dermal	300 mg/kg body weight
LC50 inhalation (Vapors - mg/l/4h)	3 mg/l/4h

# Hotel Tropicana

## Safety Data Sheet

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

<b>Aldehyde C-16 (77-83-8)</b>	
LD50 oral	5470 mg/kg

  

<b>Allyl heptanoate (142-19-8)</b>	
LD50 oral	500 mg/kg
LD50 oral	218 mg/kg body weight
LD50 dermal	810 mg/kg body weight

  

<b>Citral (5392-40-5)</b>	
LD50 oral	4960 mg/kg
LD50 dermal	2250 mg/kg
LD50 dermal	2250 mg/kg body weight

  

<b>Camphene (79-92-5)</b>	
LD50 oral	5600 mg/kg
LD50 dermal	> 5000 mg/kg

  

<b>Hexyl cinnamic aldehyde (101-86-0)</b>	
LD50 oral	3100 mg/kg
LD50 oral	3100 mg/kg body weight
LD50 dermal	> 3000 mg/kg
LC50 inhalation (mg/l)	> 5 mg/l/4h

  

<b>d-Limonene (5989-27-5)</b>	
LD50 oral	4400 mg/kg
LD50 dermal	> 5 g/kg

  

<b>Orange oil (8008-57-9)</b>	
LD50 oral	4400 mg/kg
LD50 dermal	> 5000 mg/kg

  

<b>Dipropylene glycol monomethyl ether (34590-94-8)</b>	
LD50 oral	5.35 g/kg
LD50 dermal	9500 mg/kg

  

<b>Verdox (88-41-5)</b>	
LD50 oral	4600 mg/kg
LD50 oral	4600 mg/kg body weight

  

<b>Triplal (Vertocitral) (68039-49-6)</b>	
LD50 oral	3900 mg/kg body weight

  

<b>Benzyl benzoate (120-51-4)</b>	
LD50 oral	500 mg/kg

# Hotel Tropicana

## Safety Data Sheet

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

LD50 oral	1500 mg/kg body weight
LD50 dermal	4000 mg/kg
LD50 dermal	4000 mg/kg body weight

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

### d-Limonene (5989-27-5)

IARC group	3 - Not classifiable
------------	----------------------

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.

### Allyl caproate (123-68-2)

LC50 fish 1	0.117 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
-------------	---

### Aldehyde C-16 (77-83-8)

LC50 fish 1	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
-------------	---

### Citral (5392-40-5)

EC50 Daphnia 1	7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h algae 1	16 mg/l (Species: Desmodesmus subspicatus)
EC50 96h algae (1)	19 mg/l (Species: Desmodesmus subspicatus)

### Camphene (79-92-5)

LC50 fish 1	0.72 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [flow-through])
LC50 fish 2	150 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Daphnia 1	22 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h algae 1	> 1000 mg/l (Species: Desmodesmus subspicatus)

### d-Limonene (5989-27-5)

LC50 fish 1	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)



# Hotel Tropicana

## Safety Data Sheet

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

### Dipropylene glycol monomethyl ether (34590-94-8)

LC50 fish 1	> 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	1919 mg/l (Exposure time: 48 h - Species: Daphnia magna)

### Benzyl benzoate (120-51-4)

LC50 fish 1	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
NOEC (chronic)	0.168 mg/l

## 12.2. Persistence and degradability

### Benzyl benzoate (120-51-4)

Persistence and degradability	May cause long-term adverse effects in the environment.
-------------------------------	---

## 12.3. Bioaccumulative potential

### Citral (5392-40-5)

Partition coefficient n-octanol/water (Log Pow)	2.76 (at 25 °C)
---	-----------------

### Dipropylene glycol monomethyl ether (34590-94-8)

Partition coefficient n-octanol/water (Log Pow)	-0.064 (at 20 °C)
---	-------------------

### Benzyl benzoate (120-51-4)

Partition coefficient n-octanol/water (Log Pow)	4
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

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

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

### 14.1. UN number

UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable

# Hotel Tropicana

## Safety Data Sheet

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

### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

### 14.3. Transport hazard class(es)

<b>ADR</b>	
Transport hazard class(es) (ADR)	: Not applicable
<b>IMDG</b>	
Transport hazard class(es) (IMDG)	: Not applicable
<b>IATA</b>	
Transport hazard class(es) (IATA)	: Not applicable
<b>ADN</b>	
Transport hazard class(es) (ADN)	: Not applicable
<b>RID</b>	
Transport hazard class(es) (RID)	: Not applicable

### 14.4. Packing group

Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

### 14.5. Environmental hazards

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

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 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:	
Reference code	Applicable
3(a)	Isoamyl acetate ; d-Limonene ; Orange Oil ; Orange oil

# Hotel Tropicana

## Safety Data Sheet

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

3(b)	Hotel Tropicana ; Allyl caproate ; Aldehyde C-16 ; Allyl heptanoate ; Citral ; Hexyl cinnamic aldehyde ; Helional ; d-Limonene ; Orange Oil ; Orange oil ; Triplal (Vertocitral) ; Benzyl benzoate
3(c)	Hotel Tropicana ; Allyl caproate ; Aldehyde C-16 ; Allyl heptanoate ; Hexyl cinnamic aldehyde ; Helional ; d- Limonene ; Orange Oil ; Orange oil ; Verdox ; Triplal (Vertocitral) ; Benzyl benzoate
40.	Isoamyl acetate ; Camphene ; d-Limonene ; Orange Oil ; Orange oil

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance(s) subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

### 15.1.2. National regulations

#### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Water hazard class (WGK) : WGK 2, significant hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : Orange Oil, Orange oil , Triplal (Vertocitral) are listed

SZW-lijst van mutagene stoffen : Orange Oil, Orange oil , Triplal (Vertocitral) are 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

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

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

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

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

#### 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

Danish National Regulations : 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

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number

# Hotel Tropicana

## Safety Data Sheet

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

EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Full text of H- and EUH-phrases:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhalation) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids Category 3
Flam. Sol. 2	Flammable solids Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1B	Skin sensitization, Category 1B
H226	Flammable liquid and vapor.
H228	Flammable solid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.

# Hotel Tropicana

## Safety Data Sheet

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

H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

SDS EU (REACH Annex II)

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.