

# SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

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

#### 1.1 Product identifier

Sales No. : UAC15215/00  
AVOCADO SPA

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

Intended Use Fragrances : Perfume compound

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

Company : Givaudan Fragrances (Shanghai) Ltd.  
298, Li Shi Zhen Road  
PuDong Zhang Jiang High-Tech Park  
201203 SHANGHAI  
CHINA

Telephone : +862128931288  
Telefax : +862150271412  
E-mail address : global.msds\_fragrances\_raps@givaudan.com  
Responsible/issuing person

#### 1.4 Emergency telephone number

+862162679090

### SECTION 2. Hazards identification

#### 2.1 Classification

##### Classification

|                                      |  |
|--------------------------------------|--|
| Flammable liquids, Category 4        | H227: Combustible liquid                               |
| Acute toxicity, Category 5           | H303: May be harmful if swallowed.                     |
| Skin irritation, Category 2          | H315: Causes skin irritation.                          |
| Eye irritation, Category 2A          | H319: Causes serious eye irritation.                   |
| Skin sensitisation, Category 1       | H317: May cause an allergic skin reaction.             |
| Reproductive toxicity, Category 2    | H361f: Suspected of damaging fertility.                |
| Acute aquatic toxicity, Category 2   | H401: Toxic to aquatic life.                           |
| Chronic aquatic toxicity, Category 2 | H411: Toxic to aquatic life with long lasting effects. |

#### 2.2 Label elements

##### Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

# SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483

# Givaudan<sup>®</sup>

## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

### Labelling

Hazard pictograms :



Signal word :

Warning

Hazard statements :

|       |  |
|-------|--|
| H227  | Combustible liquid                               |
| H303  | May be harmful if swallowed.                     |
| H315  | Causes skin irritation.                          |
| H317  | May cause an allergic skin reaction.             |
| H319  | Causes serious eye irritation.                   |
| H361f | Suspected of damaging fertility.                 |
| H411  | Toxic to aquatic life with long lasting effects. |

Precautionary statements :

|                    |   |
|--------------------|---|
| <b>Prevention:</b> |   |
| P201               | Obtain special instructions before use.   |
| P202               | Do not handle until all safety precautions have been read and understood.             |
| P210               | Keep away from heat/sparks/open flames/hot surfaces. - No smoking.                    |
| P261               | Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.                                |
| P273               | Avoid release to the environment.   |
| P280               | Wear protective gloves/ protective clothing/ eye protection/ face protection.         |
| <b>Response:</b>   |   |
| P302 + P352        | IF ON SKIN: Wash with plenty of soap and water.                                       |
| P308 + P313        | IF exposed or concerned: Get medical advice/ attention.                               |
| P370 + P378        | In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. |
| <b>Storage:</b>    |   |
| P403 + P235        | Store in a well-ventilated place. Keep cool.  |

Hazardous components which must be listed on the label:

- 3,7-dimethyl-1,6-octadien-3-ol (linalool) 78-70-6
- 2-methyl-3-(4-(1,1-dimethyl ethyl)phenyl)propanal 80-54-6
- 2-hexyl-3-phenyl-2-propenal (trans & cis) 101-86-0
- 2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetra-methylnaphtalene (main isomer) 54464-57-2

Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

## SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

**2.3 Other hazards**

no data available

**SECTION 3. Composition/information on ingredients**

| Chemical Name   | CAS-No.<br>EC-No.       | Classification<br>(67/548/EEC)                                | Classification<br>(Regulation GB13690)   | Concentration<br>[%] |
|---|-------------------------|---|--|----------------------|
| 3,7-dimethyl-1,6-octadien-3-ol<br>(linalool)  | 78-70-6<br>201-134-4    | Xi; R38   | Flammable liquids 4;<br>H227<br>Acute toxicity 5; H303<br>Skin irritation 2; H315<br>Eye irritation 2A; H319<br>Acute aquatic toxicity 3;<br>H402  | >= 10 - < 20         |
| CYCLOPENTANEACETIC<br>ACID, 3-OXO-2-PENTYL,<br>METHYLESTER                                  | 24851-98-7<br>246-495-9 |   | Skin irritation 3; H316<br>Acute aquatic toxicity 3;<br>H402   | >= 5 - < 10          |
| 2-methyl-3-(4-(1,1-dimethyl<br>ethyl)phenyl)propanal  | 80-54-6<br>201-289-8    | N; R51/53<br>Xn; R22<br>Xi; R43<br>Repr.Cat.3; R62<br>Xi; R38 | Acute toxicity 4; H302<br>Skin irritation 2; H315<br>Skin sensitisation 1;<br>H317<br>Reproductive toxicity 2;<br>H361<br>Acute aquatic toxicity 2;<br>H401<br>Chronic aquatic toxicity<br>2; H411 | >= 5 - < 10          |
| 2-hexyl-3-phenyl-2-propenal<br>(trans & cis)  | 101-86-0<br>202-983-3   | Xi; R38<br>Xi; R43  | Acute toxicity 5; H303<br>Skin irritation 3; H316<br>Skin sensitisation 1B;<br>H317<br>Chronic aquatic toxicity<br>2; H411   | >= 5 - < 10          |
| 2-acetyl-1,2,3,4,5,6,7,8-<br>octahydro-2,3,8,8-tetra-<br>methylnaphthalene (main<br>isomer) | 54464-57-2<br>259-174-3 | Xi; R38<br>Xi; R43<br>N; R51/53                               | Skin irritation 2; H315<br>Skin sensitisation 1;<br>H317<br>Acute aquatic toxicity 2;<br>H401<br>Chronic aquatic toxicity<br>2; H411   | >= 1 - < 5           |
| 2-PHENOXYETHYL 2-<br>METHYLPROPANOATE   | 103-60-6<br>203-127-1   |   | Skin irritation 3; H316  | >= 1 - < 5           |

## Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales &amp; Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

## SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

|  |                         |                                 |   |            |
|--|-------------------------|---------------------------------|---|------------|
| BENZYL ACETATE   | 140-11-4<br>205-399-7   |                                 | Flammable liquids 4;<br>H227<br>Acute toxicity 5; H303<br>Skin irritation 3; H316<br>Acute aquatic toxicity 2;<br>H401  | >= 1 - < 5 |
| HEXYL 2-HYDROXYBENZOATE                                  | 6259-76-3<br>228-408-6  | N; R50/53<br>Xi; R38<br>Xi; R43 | Skin irritation 2; H315<br>Eye irritation 2A; H319<br>Skin sensitisation 1;<br>H317<br>Acute aquatic toxicity 1;<br>H400<br>Chronic aquatic toxicity<br>1; H410               | >= 1 - < 5 |
| 2-phenylethanol  | 60-12-8<br>200-456-2    | Xi; R36                         | Acute toxicity 5; H303<br>Eye irritation 2A; H319   | >= 1 - < 5 |
| 3,7-dimethyl-6-octen-1-ol<br>(citronellol)               | 106-22-9<br>203-375-0   | N; R51/53<br>Xi; R43-R38        | Acute toxicity 5; H303<br>Acute toxicity 5; H313<br>Skin irritation 2; H315<br>Eye irritation 2A; H319<br>Skin sensitisation 1B;<br>H317<br>Acute aquatic toxicity 2;<br>H401 | >= 1 - < 5 |
| 2-METHYL-3-PHENYLPROPAN-2-YL<br>ACETATE                  | 151-05-3<br>205-781-3   | R52/53                          | Acute toxicity 5; H303<br>Skin irritation 3; H316<br>Acute aquatic toxicity 3;<br>H402<br>Chronic aquatic toxicity<br>3; H412   | >= 1 - < 5 |
| 3,7-dimethyl-2,6-octadienyl<br>acetate (geranyl acetate) | 105-87-3<br>203-341-5   | N; R51/53                       | Skin irritation 3; H316<br>Acute aquatic toxicity 2;<br>H401<br>Chronic aquatic toxicity<br>2; H411   | >= 1 - < 5 |
| 1,4-DIOXACYCLOHEXADECAN<br>E-5,16-DIONE                  | 54982-83-1<br>259-423-6 | N; R50/53                       | Acute toxicity 5; H303<br>Skin irritation 3; H316<br>Acute aquatic toxicity 1;<br>H400<br>Chronic aquatic toxicity<br>1; H410   | >= 1 - < 5 |
| CYCLOHEXANEMETHANOL<br>, 4-(1-METHYLETHYL)-, CIS-        | 13828-37-0<br>237-539-8 |                                 | Skin irritation 3; H316   | >= 1 - < 5 |
| 2-PENTYL-3-PHENYL-2-<br>PROPEN-1-AL                      | 122-40-7<br>204-541-5   | N; R51/53<br>Xi; R43            | Acute toxicity 5; H303<br>Skin irritation 3; H316<br>Skin sensitisation 1B;<br>H317<br>Acute aquatic toxicity 2;<br>H401<br>Chronic aquatic toxicity<br>2; H411               | >= 1 - < 5 |

## Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales &amp; Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

# SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

|  |                        |  |  |              |
|--|------------------------|--|--|--------------|
| 2-tert-butylcyclohexyl acetate               | 88-41-5<br>201-828-7   | N; R51/53                                      | Flammable liquids 4;<br>H227<br>Acute toxicity 5; H303<br>Skin irritation 3; H316<br>Acute aquatic toxicity 2;<br>H401<br>Chronic aquatic toxicity<br>2; H411  | >= 1 - < 5   |
| hexyl acetate                                | 142-92-7<br>205-572-7  | R10<br>N; R51/53                               | Flammable liquids 3;<br>H226<br>Skin irritation 3; H316<br>Acute aquatic toxicity 2;<br>H401<br>Chronic aquatic toxicity<br>2; H411  | >= 1 - < 5   |
| (R)-1-methyl-4-(1-methylethenyl)-cyclohexene | 5989-27-5<br>227-813-5 | R10<br>Xi; R38<br>R43<br>N; R50-R53<br>Xn; R65 | Flammable liquids 3;<br>H226<br>Skin irritation 2; H315<br>Skin sensitisation 1;<br>H317<br>Aspiration hazard 1;<br>H304<br>Acute aquatic toxicity 1;<br>H400<br>Chronic aquatic toxicity<br>1; H410 | >= 0,1 - < 1 |
| N-BUTYL-ACETATE                              | 123-86-4<br>204-658-1  | R10<br>R66<br>R67                              | Flammable liquids 3;<br>H226<br>Specific target organ<br>toxicity - single exposure<br>3; H336   | >= 0,1 - < 1 |

Hydrocarbons : 0,9 %

### SECTION 4. First aid measures

#### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : If skin irritation persists, call a physician.

Administrative information:  
Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08  
Sales & Distribution Information: SH01/FR/CN10/01  
Shipping Order Information: 8357759/2692129

# SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

- If on skin, rinse well with water.  
If on clothes, remove clothes.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Induce vomiting immediately and call a physician.  
Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
Take victim immediately to hospital.

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

- Symptoms : no data available  
Risks : no data available

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

- Treatment : no data available

## SECTION 5. Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : Dry chemical  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Water spray

- Unsuitable extinguishing media : High volume water jet

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

- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

### 5.3 Advice for firefighters

- Special protective equipment for firefighters : Wear self contained breathing apparatus for fire fighting if necessary.

#### Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

# SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
Use a water spray to cool fully closed containers.

### SECTION 6. Accidental release measures

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

Personal precautions : Use personal protective equipment.

#### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

not applicable

### SECTION 7. Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.  
Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the

#### Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

# SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

application area.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.  
Keep away from open flames, hot surfaces and sources of ignition.

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

Requirements for storage areas and containers : No smoking.  
Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : no data available  
Advice on common storage : no data available  
Other data : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

not applicable

## SECTION 8. Exposure controls/personal protection

### 8.1 Control parameters

| Components      | CAS-No.  | Value   | Control parameters    | Update     | Basis        |
|-----------------|----------|---------|-----------------------|------------|--------------|
| N-BUTYL-ACETATE | 123-86-4 | PC-TWA  | 200 mg/m <sup>3</sup> | 27-04-2007 | GBZ 2.1-2007 |
|                 |          | PC-STEL | 300 mg/m <sup>3</sup> | 27-04-2007 | GBZ 2.1-2007 |

### 8.2 Exposure controls

#### Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

#### Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129



# SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

|                          |   |
|--------------------------|---|
| Hand protection          | : The suitability for a specific workplace should be discussed with the producers of the protective gloves.                                   |
| Eye protection           | : Eye wash bottle with pure water<br>Tightly fitting safety goggles<br>Wear face-shield and protective suit for abnormal processing problems. |
| Skin and body protection | : impervious clothing<br>Choose body protection according to the amount and concentration of the dangerous substance at the work place.       |
| Hygiene measures         | : When using do not eat or drink.<br>When using do not smoke.<br>Wash hands before breaks and at the end of workday.                          |

## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |  |
|--|--|
| Physical state                         | : liquid                                     |
| Form                                   | : liquid                                     |
| Colour                                 | : colourless to Very slightly yellow         |
| Taste                                  | : not determined                             |
| Odour                                  | : Green, fruity, Floral                      |
| Odour Threshold                        | : not applicable                             |
| Flash point                            | : 91 °C Method: Grabner miniflash closed cup |
| Lower explosion limit                  | : not determined                             |
| Upper explosion limit                  | : not determined                             |
| Flammability (solid, gas)              | : not applicable                             |
| Oxidizing properties                   | : no data available                          |
| Auto-ignition temperature              | : not determined                             |
| Decomposition temperature              | : no data available                          |
| pH                                     | : not determined                             |
| Melting point                          | : not determined                             |
| Boiling point                          | : not determined                             |
| Vapour pressure                        | : 0,1484 hPa at 20 °C Calculated (99,9 %)    |
| Density                                | : 964,97 kg/m <sup>3</sup> at 20 °C          |
| Bulk density                           | : not applicable                             |
| Water solubility                       | : not determined                             |
| Solubility/qualitative                 | : practically insoluble                      |
| Partition coefficient: n-octanol/water | : not applicable                             |
| Viscosity, kinematic                   | : no data available                          |

#### Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

# SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

Relative vapour density : no data available  
Evaporation rate : no data available

### SECTION 10. Stability and reactivity

#### 10.1 Reactivity

none

#### 10.2 Chemical stability

The product is chemically stable.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed. Vapours may form explosive mixture with air.

#### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

#### 10.5 Incompatible materials

Materials to avoid : no data available

#### 10.6 Hazardous decomposition products

Hazardous decomposition products : no data available  
Thermal decomposition : no data available

### SECTION 11. Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

**Acute oral toxicity** : Acute toxicity estimate  
Dose: 3 118 mg/kg  
Method: Calculation method

##### Acute oral toxicity

3,7-dimethyl-1,6-octadien-3-ol (linalool) : LD50: 2 790 mg/kg Species: rat

CYCLOPENTANEACETIC ACID, 3-OXO-2-PENTYL, METHYLESTER : LD50: > 5 000 mg/kg Species: rat

#### Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

## SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

|   |   |   |
|---|---|---|
| 2-methyl-3-(4-(1,1-dimethyl ethyl)phenyl)propanal                               | : LD50: 1 390 mg/kg   | Species: rat  |
| 2-hexyl-3-phenyl-2-propenal (trans & cis)                                       | : LD50: 3 100 mg/kg<br>LD50: 2 300 mg/kg                      | Species: rat<br>Species: mouse                        |
| 2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetra-methylnaphtalene (main isomer) | : LD50: > 5 000 mg/kg   | Species: rat  |
| 2-PHENOXYETHYL 2-METHYLPROPANOATE   | : LD50: > 5 000 mg/kg   | Species: rat  |
| BENZYL ACETATE  | : LD50: 2 200 mg/kg<br>LD50: 2 490 mg/kg<br>LD50: 830 mg/kg   | Species: rabbit<br>Species: rat<br>Species: mouse     |
| HEXYL 2-HYDROXYBENZOATE   | : LD50: > 5 000 mg/kg   | Species: rat  |
| 2-phenylethanol   | : LD50: 1 790 mg/kg<br>LD50: 2 540 mg/kg<br>LD50: 2 540 mg/kg | Species: rat<br>Species: mouse<br>Species: guinea pig |
| 3,7-dimethyl-6-octen-1-ol (citronellol)   | : LD50: 3 450 mg/kg   | Species: rat  |
| 2-METHYL-3-PHENYLPROPAN-2-YL ACETATE  | : LD50: 3 300 mg/kg   | Species: rat  |
| 3,7-dimethyl-2,6-octadienyl acetate (geranyl acetate)                           | : LD50: 6 330 mg/kg   | Species: rat  |
| 1,4-DIOXACYCLOHEXADECANE-5,16-DIONE   | : LD50: 4 730 mg/kg   | Species: mouse  |
| CYCLOHEXANEMETHANOL, 4-(1-METHYLETHYL)-, CIS-                                   | : LD50: > 10 000 mg/kg  | Species: rat  |
| 2-PENTYL-3-PHENYL-2-PROPEN-1-AL   | : LD50: 3 730 mg/kg   | Species: rat  |
| 2-tert-butylcyclohexyl acetate  | : LD50: 4 600 mg/kg   | Species: rat  |
| hexyl acetate   | : LD50: > 5 000 mg/kg   | Species: rat  |
| 6-ETHYL-3-METHYL-6(5)-OCTEN-1-OL  | : LD50: > 2 000 mg/kg<br>LD50: > 4 300 mg/kg                  | Species: rat<br>Species: rat                          |
| (R)-1-methyl-4-(1-methylethenyl)-cyclohexene                                    | : LD50: 4 400 mg/kg   | Species: rat  |

## Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales &amp; Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

## SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483

Givaudan<sup>®</sup>

## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

|  |  |                     |
|--|--|---------------------|
|  | LD50: 5 600 mg/kg  | Species: mouse      |
| BENZYL 2-HYDROXYBENZOATE   | : LD50: 2 227 mg/kg  | Species: rat        |
| 2-methoxy-4-(2-propen-1-yl)-phenol (eugenol)                                     | : LD50: 1 930 mg/kg  | Species: rat        |
|  | LD50: 2 130 mg/kg  | Species: guinea pig |
| 2,4-dimethylcyclohex-3-ene-1-carbaldehyde  | : LD50: > 3 100 mg/kg  | Species: rat        |
| <b>Acute inhalation toxicity</b>   | : No data is available on the product itself.                                  |                     |
| <b>Acute inhalation toxicity</b>   | : No data is available on the product itself.                                  |                     |
| 2-hexyl-3-phenyl-2-propenal (trans & cis)  | : LC50: > 5 mg/l<br>Exposure time: 4 h   | Species: rat        |
| <b>Acute dermal toxicity</b>   | : Acute toxicity estimate<br>Dose: > 5 000 mg/kg<br>Method: Calculation method |                     |
| <b>Acute dermal toxicity</b>   | : No data is available on the product itself.                                  |                     |
| 3,7-dimethyl-1,6-octadien-3-ol (linalool)  | : LD50: 5 000 mg/kg  | Species: rabbit     |
| CYCLOPENTANEACETIC ACID, 3-OXO-2-PENTYL, METHYLESTER                             | : LD50: > 5 000 mg/kg  | Species: rabbit     |
| 2-methyl-3-(4-(1,1-dimethyl ethyl)phenyl)propanal                                | : LD50: > 2 000 mg/kg  | Species: rabbit     |
| 2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetra-methylnaphthalene (main isomer) | : LD50: > 5 000 mg/kg  | Species: rabbit     |
| 2-PHENOXYETHYL 2-METHYLPROPANOATE  | : LD50: > 5 000 mg/kg  | Species: rabbit     |
| HEXYL 2-HYDROXYBENZOATE  | : LD50: > 5 000 mg/kg  | Species: rabbit     |
| 2-phenylethanol  | : LD50: 790 mg/kg  | Species: rabbit     |
| 3,7-dimethyl-6-octen-1-ol (citronello)   | : LD50: 2 650 mg/kg  | Species: rabbit     |
| 2-METHYL-3-PHENYLPROPAN-2-YL ACETATE   | : LD50: 3 000 mg/kg  | Species: rabbit     |
| CYCLOHEXANEMETHANOL, 4-(1-METHYLETHYL)-, CIS-                                    | : LD50: > 2 000 mg/kg  | Species: rabbit     |
| 2-PENTYL-3-PHENYL-2-PROPEN-1-AL  | : LD50: > 2 000 mg/kg  | Species: rabbit     |

## Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales &amp; Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

# SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

|  |                       |                 |
|--|-----------------------|-----------------|
| 2-tert-butylcyclohexyl acetate               | : LD50: > 5 000 mg/kg | Species: rabbit |
| hexyl acetate                                | : LD50: > 5 000 mg/kg | Species: rabbit |
| (R)-1-methyl-4-(1-methylethenyl)-cyclohexene | : LD50: > 5 000 mg/kg | Species: rabbit |
| BENZYL 2-HYDROXYBENZOATE                     | : LD50: 14 150 mg/kg  | Species: rabbit |
| 2,4-dimethylcyclohex-3-ene-1-carbaldehyde    | : LD50: 5 000 mg/kg   | Species: rabbit |

**Acute toxicity (other routes of administration)** : No data is available on the product itself.

### Skin corrosion/irritation

Skin irritation : May cause skin irritation and/or dermatitis.

### Serious eye damage/eye irritation

Eye irritation : May cause irreversible eye damage.

### Respiratory or skin sensitisation

Sensitisation : No data is available on the product itself.

### Germ cell mutagenicity

Germ cell mutagenicity : No data is available on the product itself.

### Carcinogenicity

Carcinogenicity : No data is available on the product itself.

### Reproductive toxicity

Reproductive toxicity : No data is available on the product itself.

### Target Organ Systemic Toxicant - Single exposure

Target Organ Systemic Toxicant - Single exposure : No data is available on the product itself.

### Target Organ Systemic Toxicant - Repeated exposure

Target Organ Systemic Toxicant - Repeated exposure : No data is available on the product itself.

#### Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

# SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

### Aspiration hazard

Aspiration toxicity : No data is available on the product itself.

### Phototoxicity

Phototoxicity : No data is available on the product itself.

**Further information** : no data available

## SECTION 12. Ecological information

### 12.1 Toxicity

Toxicity to fish : no data available

Toxicity to daphnia and other aquatic invertebrates : no data available

Toxicity to algae : no data available

M-Factor

HEXYL 2-HYDROXYBENZOATE : 1

M-Factor

1,4-DIOXACYCLOHEXADECANE-5,16-DIONE : 1

M-Factor

(R)-1-methyl-4-(1-methylethenyl)-cyclohexene : 1

Toxicity to bacteria : no data available

Toxicity to fish (Chronic toxicity) : no data available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : no data available

Acute aquatic toxicity : no data available

Chronic aquatic toxicity : no data available

Toxicity Data on Soil : no data available

Other organisms relevant to the environment : no data available

Impact on Sewage Treatment : no data available

### 12.2 Persistence and degradability

Biodegradability : no data available

### 12.3 Bioaccumulative potential

Bioaccumulation : no data available

### 12.4 Mobility in soil

Mobility : no data available

Distribution among environmental compartments : no data available

#### Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

# SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

Additional advice Environmental fate and pathways : no data available  
Physico-chemical removability : no data available

### 12.5 Results of PBT and vPvB assessment

no data available

### 12.6 Other adverse effects

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

## SECTION 13. Disposal considerations

### 13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

Dispose of in accordance with local regulations.

## SECTION 14. Transport information

### ADR/RID/ADN

UN number : 3082  
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Hexyl salicylate, 1,4-dioxacyclohexadecane-5,16-dione)  
Transport hazard class(es) : 9  
Packing group : III  
Hazard Identification Number : 90  
Labels : 9  
Tunnel restriction code : (E)  
Environmentally hazardous : yes

#### Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

**SAFETY DATA SHEET**

according to Global Harmonized System - China GB/T 16483

**AVOCADO SPA**

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

**IATA/ICAO**

UN number : 3082  
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.  
(Hexyl salicylate, 1,4-dioxacyclohexadecane-5,16-dione)  
Class : 9  
Packing group : III  
Labels : 9  
Environmentally hazardous : yes

Packing instruction (CAO) : 964  
Packing instruction (PAX) : 964  
Packing instruction (Ltd. Qty.) : Y964

**IMDG**

UN number : 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S.  
(Hexyl salicylate, 1,4-dioxacyclohexadecane-5,16-dione)  
Class : 9  
Packing group : III  
Labels : 9  
EmS Fire : F-A  
EmS Spillage : S-F

Marine pollutant : yes  
Hexyl salicylate 1,4-dioxacyclohexadecane-5,16-dione

IMDG Code Segregation Group : None

**SECTION 15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Below regulations has been referred:**

Regulations on the Control over Safety of Dangerous Chemicals  
GB13690 General Rule for classification and hazard communication of chemicals  
GB20576-GB20598 Safety rules for classification、 precautionary labeling and precautionary statements-all  
GB/T16483 Safety data sheet for chemical products - Content and order of sections  
GB15258 General rules for preparation of precautionary label for chemicals  
GB6944 Classification and code of dangerous goods  
GBZ2.1 Occupational exposure limits for hazardous agents in the workplace part 1: Chemical hazardous agents  
List of hazardous waste of China

## Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08  
Sales & Distribution Information: SH01/FR/CN10/01  
Shipping Order Information: 8357759/2692129



# SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

### **Catalogue of Commodities Forbidden to Import**

These components are not in the list

### **Catalogue of Commodities Forbidden to Export**

These components are not in the list

### **List of strict control toxic chemicals on import and export of China**

These components are not in the list

All existing national regulations must be followed when handle the product and dispose its waste

## **SECTION 16. Other information**

### **Full text of H-Statements referred to under sections 2 and 3.**

|      |   |
|------|---|
| H226 | Flammable liquid and vapour.                          |
| H227 | Combustible liquid                                    |
| H302 | Harmful if swallowed.                                 |
| H303 | May be harmful if swallowed.                          |
| H304 | May be fatal if swallowed and enters airways.         |
| H313 | May be harmful in contact with skin.                  |
| H315 | Causes skin irritation.                               |
| H316 | Causes mild skin irritation.                          |
| H317 | May cause an allergic skin reaction.                  |
| H319 | Causes serious eye irritation.                        |
| H336 | May cause drowsiness or dizziness.                    |
| H361 | Suspected of damaging fertility or the unborn child.  |
| H400 | Very toxic to aquatic life.                           |
| H401 | Toxic to aquatic life.                                |
| H402 | Harmful 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.    |

### **Text of R-phrases mentioned in Section 3**

#### Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129

# SAFETY DATA SHEET

according to Global Harmonized System - China GB/T 16483



## AVOCADO SPA

Version 1.0

Revision Date 2014/01/17

Print Date 2014/01/17

|        |  |
|--------|--|
| R10    | Flammable.   |
| R22    | Harmful if swallowed.  |
| R36    | Irritating to eyes.  |
| R38    | Irritating to skin.  |
| R43    | May cause sensitisation by skin contact.   |
| R50    | Very toxic to aquatic organisms.   |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.      |
| R52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.    |
| R53    | May cause long-term adverse effects in the aquatic environment.                                  |
| R62    | Possible risk of impaired fertility.   |
| R65    | Harmful: may cause lung damage if swallowed.   |
| R66    | Repeated exposure may cause skin dryness or cracking.  |
| R67    | Vapours may cause drowsiness and dizziness.  |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

### Administrative information:

Report Information: SDS\_CN/EN/GHS\_SDS\_CN/08

Sales & Distribution Information: SH01/FR/CN10/01

Shipping Order Information: 8357759/2692129