

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## ROSE GIVCO 217

Version 1.3

Revision Date 22 APR 2012

Print Date 22 APR 2012

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

#### 1.1 Product identifier

Sales No. : ROSE GIVCO 217

#### 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 Suisse SA  
Chemin de la Parfumerie 5  
CH-1214 VERNIER

Telephone : +41227809111  
Telefax : +41227809150  
E-mail address : global.msds\_fragrances\_raps@givaudan.com  
Responsible/issuing person

#### 1.4 Emergency telephone number

+33172110003

### 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2	H315: Causes skin irritation.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Skin sensitization, Category 1	H317: May cause an allergic skin reaction.
Chronic aquatic toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects.

##### Classification (67/548/EEC, 1999/45/EC)

Sensitising	R43: May cause sensitization by skin contact.
Irritant	R38: Irritating to skin.
	R41: Risk of serious damage to eyes.
Dangerous for the environment	R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

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# Givaudan®

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Hazard pictograms

:



Signal word

: Danger

Hazard statements

: H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

: **Prevention:**  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ eye protection/ face protection.  
**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 IF exposed or concerned:  
P315 Get immediate medical advice/ attention.

Hazardous components which must be listed on the label:

- (2E)-3,7-dimethyl-2,6-octadien-1-ol 106-24-1

### Labelling according to EC Directives (67/548/EEC, 1999/45/EC)

Hazard pictograms

:



Irritant

R-phrases(s)

: R38 Irritating to skin.  
R41 Risk of serious damage to eyes.  
R43 May cause sensitization by skin contact.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

: S24 Avoid contact with skin.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek

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medical advice.

Wear suitable gloves and eye/face protection.

S60

This material and its container must be disposed of as hazardous waste.

Hazardous components which must be listed on the label:

- (2E)-3,7-dimethyl-2,6-octadien-1-ol 106-24-1
- 3,7-DIMETHYL-6-OCTEN-1-OL 106-22-9

**2.3 Other hazards**

no data available

**3. Composition/information on ingredients****3.2 Mixtures****Hazardous components**

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
2-PHENYLETHANOL	60-12-8 200-456-2	Xi; R36	Eye Irrit. 2; H319	>= 20 - < 25
(2E)-3,7-dimethyl-2,6-octadien-1-ol	106-24-1 203-377-1	Xi; R38 Xi; R41 Xi; R43	Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317	>= 10 - < 20
3,7-DIMETHYL-6-OCTEN-1-OL	106-22-9 203-375-0 01-2119453995-23-0000	N; R51/53 Xi; R43-R38	Skin Irrit. 2; H315 Skin Sens. 1; H317	>= 5 - < 10
2-cyclohexylidene-2-phenylacetonitrile	10461-98-0 423-740-1 01-0000017023-83-0003	Xn; R22 N; R51-R53	Acute Tox. 4; H302 Aquatic Chronic 2; H411	>= 2,5 - < 5

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3,7-DIMETHYL-2,6-OCTADIEN-1-OL	106-25-2 203-378-7	Xi; R38	Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 1 - < 5
PHENYLETHYL PHENYLACETATE	102-20-5 203-013-1	N; R51/53	Aquatic Chronic 2; H411	>= 1 - < 2,5
3,7-DIMETHYL-2,6-OCTADIENYL ACETATE	105-87-3 203-341-5	N; R51/53	Aquatic Chronic 2; H411	>= 1 - < 2,5
3,7-DIMETHYL-6-OCTEN-1-YL ACETATE	150-84-5 205-775-0	N; R51/53 Xi; R38	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	>= 1 - < 2,5
2-HEXYL-3-PHENYL-2-PROPENAL (TRANS & CIS)	101-86-0 202-983-3 01-2119533092-50-0002 01-2119533092-50-0000	Xi; R43	Skin Sens. 1; H317	>= 0,1 - < 1
3-CYCLOHEXENE-1-CARBOXALDEHYDE, 4-(4-HYDROXY-4-METHYLPENTYL)-	31906-04-4 250-863-4	Xi; R43 R52/53	Skin Sens. 1; H317 Aquatic Chronic 3; H412	>= 0,1 - < 1
citral	5392-40-5 226-394-6 01-2119462829-23-0000	Xi; R38 R43	Skin Irrit. 2; H315 Skin Sens. 1; H317	>= 0,1 - < 1
BUTANOIC ACID, 1,1-DIMETHYL-2-PHENYLETHYL	10094-34-5 233-221-8	N; R51/53	Aquatic Chronic 2; H411	>= 0,1 - < 1
4-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)BUTAN-2-ONE	17283-81-7 241-318-1	N; R51/53	Aquatic Chronic 2; H411	>= 0,1 - < 1

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(R)-p-mentha-1,8-diene	5989-27-5 227-813-5	R10 Xi; R38 R43 N; R50-R53	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	$\geq 0,1 - < 0,25$
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For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

Hydrocarbons : 0,1 %

### 4. First aid measures

#### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Consult a physician.  
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.  
If on skin, rinse well with water.  
If on clothes, remove clothes.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

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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

**5. Fire-fighting measures**

**5.1 Extinguishing media**

Suitable extinguishing media : Dry chemical  
Alcohol-resistant foam  
Carbon dioxide (CO2)  
Water spray

Unsuitable extinguishing media : High volume water jet

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

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

**5.3 Advice for firefighters**

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

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.

**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.

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

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

not applicable

## 7. Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : 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 application area.  
To avoid spills during handling keep bottle on a metal tray.  
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Temperature class : no data available

Fire-fighting class : no data available

Dust explosion class : no data available

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

Requirements for storage areas and containers : 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.  
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

German storage class : no data available

Other data : No decomposition if stored and applied as directed.

### 7.3 Specific end uses

Specific use(s) : no data available

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### 8. Exposure controls/personal protection

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

##### Personal protective equipment

- 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  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.
- Skin and body protection : impervious clothing  
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.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

##### Environmental exposure controls

- General advice : 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.

### 9. Physical and chemical properties

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

- Physical state : liquid
- Form : liquid
- Colour : colourless, Pale yellow
- Taste : not determined
- Odour : Floral
- Odour Threshold : not applicable
- Flash point : 92 °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

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Autoignition temperature	: not determined
Decomposition temperature	: no data available
pH	: not determined
Melting point	: not determined
Boiling point	: not determined
Vapour pressure	: 0,0404 hPa at 20 °C Calculated (99,9 %)
Density	: 981,97 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
Relative vapour density	: no data available
Evaporation rate	: no data available
Explosive properties	: no data available

### 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.

#### 10.4 Conditions to avoid

Conditions to avoid : no data available

#### 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

### 11. Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

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<b>Acute oral toxicity</b>	: Acute toxicity estimate Dose: 12 503 mg/kg Method: Calculation method	
<b>Acute oral toxicity</b> 2-PHENYLETHANOL	: LD50: 1 790 mg/kg	Species: rat
	LD50: 2 540 mg/kg	Species: mouse
	LD50: 2 540 mg/kg	Species: guinea pig
(2E)-3,7-dimethyl-2,6- octadien-1-ol	: LD50: 3 600 mg/kg	Species: rat
3,7-DIMETHYL-6-OCTEN-1- OL	: LD50: 3 450 mg/kg	Species: rat
2-cyclohexylidene-2- phenylacetonitrile	: LD50: 619 mg/kg	Species: rat
3,7-DIMETHYL-2,6- OCTADIEN-1-OL	: LD50: 4 500 mg/kg	Species: rat
PHENYLETHYL PHENYLACETATE	: LD50: 3 190 mg/kg	Species: rat
	LD50: 3 190 mg/kg	Species: mouse
	LD50: 3 190 mg/kg	Species: guinea pig
3,7-DIMETHYL-2,6- OCTADIENYL ACETATE	: LD50: 6 330 mg/kg	Species: rat
3,7-DIMETHYL-6-OCTEN-1- YL ACETATE	: LD50: 6 800 mg/kg	Species: rat
2-HEXYL-3-PHENYL-2- PROPENAL (TRANS & CIS)	: LD50: 3 100 mg/kg	Species: rat
	LD50: 2 300 mg/kg	Species: mouse
3-CYCLOHEXENE-1- CARBOXALDEHYDE, 4-(4- HYDROXY-4- METHYLPENTYL)-	: LD50: > 5 000 mg/kg	Species: rat
citral	: LD50: 4 960 mg/kg	Species: rat

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BUTANOIC ACID, 1,1-DIMETHYL-2-PHENYLETHYL	: LD50: > 5 000 mg/kg	Species: rat
4-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)BUTAN-2-ONE	: LD50: 2 000 mg/kg	Species: rat
(R)-p-mentha-1,8-diene	: LD50: 4 400 mg/kg	Species: rat
	LD50: 5 600 mg/kg	Species: mouse
<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-cyclohexylidene-2-phenylacetonitrile	: LC50: > 5,00 mg/l Exposure time: 4 h	Species: rat
2-HEXYL-3-PHENYL-2-PROPENAL (TRANS & CIS)	: LC50: > 5,00 mg/l Exposure time: 4 h	Species: rat
<b>Acute dermal toxicity</b>	: No data is available on the product itself.	
<b>Acute dermal toxicity</b>	: No data is available on the product itself.	
2-PHENYLETHANOL	: LD50: 790 mg/kg	Species: rabbit
(2E)-3,7-dimethyl-2,6-octadien-1-ol	: LD50: > 5 000 mg/kg	Species: rabbit
3,7-DIMETHYL-6-OCTEN-1-OL	: LD50: 2 650 mg/kg	Species: rabbit
2-cyclohexylidene-2-phenylacetonitrile	: LD50: > 2 000 mg/kg	Species: rat
3,7-DIMETHYL-2,6-OCTADIEN-1-OL	: LD50: 5 000 mg/kg	Species: rabbit
PHENYLETHYL PHENYLACETATE	: LD50: > 2 000 mg/kg	Species: rat
3,7-DIMETHYL-6-OCTEN-1-YL ACETATE	: LD50: > 2 000 mg/kg	Species: rabbit

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3-CYCLOHEXENE-1-CARBOXALDEHYDE, 4-(4-HYDROXY-4-METHYLPENTYL)- : LD50: > 5 000 mg/kg Species: rabbit

citral : LD50: 2 250 mg/kg Species: rabbit  
LD50: > 2 000 mg/kg Species: rat

BUTANOIC ACID, 1,1-DIMETHYL-2-PHENYLETHYL : LD50: > 5 000 mg/kg Species: rabbit

(R)-p-mentha-1,8-diene : 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 : Extremely corrosive and destructive to tissue.

### **Serious eye damage/eye irritation**

Eye irritation : May cause irreversible eye damage.

### **Respiratory or skin sensitization**

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.

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### Target Organ Systemic Toxicant - Repeated exposure

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

### Target Organ Systemic Toxicant - Repeated exposure 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

## 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

(R)-p-mentha-1,8-diene : 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

### 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

Additional advice : no data available

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Environmental fate and pathways

Physico-chemical : no data available  
removability

### 12.5 Results of PBT and vPvB assessment

no data available

### 12.6 Other adverse effects

Biochemical Oxygen Demand (BOD) : no data available

Dissolved organic carbon (DOC) : no data available

Chemical Oxygen Demand (COD) : no data available

Adsorbed organic bound halogens (AOX) : no data available

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

## 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.

Dispose of in accordance with local regulations.

## 14. Transport information

ADR/RID/ADN  
Not dangerous goods

IATA/ICAO  
Not dangerous goods

IMDG  
Not dangerous goods

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### 15. Regulatory information

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

Water contaminating class : WGK 2 water endangering  
(Germany)

#### 15.2 Chemical Safety Assessment

no data available

### 16. Other information

#### Full text of R-phrases referred to under sections 2 and 3

R10	Flammable.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitization by skin contact.
R50	Very toxic to aquatic organisms.
R51	Toxic to aquatic organisms.
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.

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

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
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.

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.

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