

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**Givaudan**<sup>®</sup>

## TRASEOLIDE 100

Version 3.0

Revision Date 28 FEB 2013

Print Date 28 FEB 2013

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

#### 1.1 Product identifier

Sales No. : 9366993  
TRASEOLIDE 100

Substance name : 5-ACETYL-3-ISOPROPYL-1,1,2,6-TETRAMETHYLINDANE  
Identifier

CAS : 68140-48-7  
EINECS : 268-799-0

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

Intended Use Fragrances : Perfumery ingredient

#### 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)

Acute toxicity, Category 4 H302: Harmful if swallowed.

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

Harmful R22: Harmful if swallowed.

#### 2.2 Label elements

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

Hazard pictograms :



Administrative information:

Report Information: SDS\_EU/EN/GHS\_SDS\_EU\_REGION/10

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Shipping Order Information: 5899175/1923912

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|                          |   |                                    |   |
|--------------------------|---|------------------------------------|---|
| Signal word              | : | Warning                            |   |
| Hazard statements        | : | H302                               | Harmful if swallowed.   |
| Precautionary statements | : | <b>Prevention:</b><br>P264<br>P270 | Wash skin thoroughly after handling.<br>Do not eat, drink or smoke when using this product.   |
|                          |   | <b>Response:</b><br>P301 + P312    | IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.<br>Get immediate medical advice/ attention.<br>Rinse mouth. |
|                          |   | P315<br>P330                       |   |
|                          |   | <b>Disposal:</b><br>P501           | Dispose of contents/ container to an approved waste disposal plant.   |

Hazardous components which must be listed on the label:

- 5-ACETYL-3-ISOPROPYL-1,1,2,6- 68140-48-7  
TETRAMETHYL

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

Hazard pictograms :



Harmful

R-phrases(s) : R22 Harmful if swallowed.

Hazardous components which must be listed on the label:

- 5-ACETYL-3-ISOPROPYL-1,1,2,6- 68140-48-7  
TETRAMETHYL

### 2.3 Other hazards

no data available

## 3. Composition/information on ingredients

### 3.1 Substances

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| Chemical Name                                | CAS-No.<br>EINECS-No. / ELINCS No. | Concentration [%] |
|--|------------------------------------|-------------------|
| 5-ACETYL-3-ISOPROPYL-<br>1,1,2,6-TETRAMETHYL | 68140-48-7<br>268-799-0            | <= 100            |

Hydrocarbons : 0 %

#### 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 : no data available  
In case of eye contact : Flush eyes with water as a precaution.  
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.  
If symptoms persist, call a physician.

##### 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. Firefighting measures

##### 5.1 Extinguishing media

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

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Water spray

Unsuitable extinguishing media : no data available

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

Specific hazards during firefighting : no data available

### 5.3 Advice for firefighters

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

Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## 6. Accidental release measures

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

Personal precautions : no data available

### 6.2 Environmental precautions

Environmental precautions : 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 : 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.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.

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

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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.  
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

## 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

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 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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### 9. Physical and chemical properties

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

|  |                                     |
|--|-------------------------------------|
| Physical state                         | : liquid                            |
| Form                                   | : liquid                            |
| Colour                                 | : Pale yellow                       |
| Taste                                  | : not determined                    |
| Odour                                  | : Musky                             |
| Odour Threshold                        | : 0,6777 ng/l                       |
| Flash point                            | : 156 °C Method: closed cup         |
| Lower explosion limit                  | : not determined                    |
| Upper explosion limit                  | : not determined                    |
| Flammability (solid, gas)              | : no data available                 |
| Oxidizing properties                   | : no data available                 |
| Autoignition temperature               | : no data available                 |
| Decomposition temperature              | : no data available                 |
| Molecular Weight                       | : 258,00 g/mol                      |
| pH                                     | : no data available                 |
| Melting point                          | : not determined                    |
| Boiling point                          | : 300 °C at 1 013 hPa               |
| Vapour pressure                        | : < 0,0001 hPa at 25 °C             |
| Density                                | : 977,23 kg/m <sup>3</sup> at 20 °C |
| Bulk density                           | : not applicable                    |
| Water solubility                       | : no data available                 |
| Solubility/qualitative                 | : no data available                 |
| Partition coefficient: n-octanol/water | : log Pow: 6,31                     |
| 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.

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### 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

**Acute oral toxicity** : LD50 rat  
Dose: 2 220 mg/kg

**Acute inhalation toxicity** : This information is not available.

**Acute dermal toxicity** : LD50 rabbit  
Dose: > 1 250 mg/kg

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

**Skin corrosion/irritation** : No data is available on the product itself.  
Skin irritation

#### Serious eye damage/eye irritation

Eye irritation : No data is available on the product itself.

#### 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

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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.

### 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

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

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### 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

Environmental fate and pathways

Physico-chemical removability : no data available

### 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 : no data available

## 13. Disposal considerations

### 13.1 Waste treatment methods

Product : Do not dispose of waste into sewer.  
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

Not classified as dangerous in the meaning of transport regulations.

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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) Number: 4  
Classification according to appendix 3  
ZDE\_WGK Update: 2005-08-31

#### 15.2 Chemical Safety Assessment

no data available

### 16. Other information

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

R22 Harmful if swallowed.

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

H302 Harmful if swallowed.

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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