

# Safety Data Sheet

according to 1907/2006/EC, Article 31



Printing date 07.04.2009

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## 1 Identification of the substance/preparation and of the company/undertaking

### · Product details

· **Trade name:** OIL OF PATCHOULI artificial

· **Article number:** 3328

· **Application of the substance / the preparation** Laboratory chemical

### · **Manufacturer/Supplier:**

Carl Roth GmbH + Co.KG

Schoemperlenstraße 3-5

76185 Karlsruhe

Telefon: +49/(0)721 5606-0

Telefax: +49/(0)721 5606-149

e-mail: info@carlroth.de

· **Further information obtainable from:** Department: Health, Safety and Environment

### · **Information in case of emergency:**

Giftinformation München

Telefon: +49/(0)89 19240

Telefax: +49/(0)89 41402467

## 2 Hazards identification

· **Hazard description:** No hazardous product as specified in Directive 67/548/EEC.

### · **Information concerning particular hazards for human and environment:**

No hazardous product as specified in Directive 67/548/EEC.

· **GHS label elements** Void

### · **Additional information:**

All chemicals are potentially dangerous. They should only be handled by specially trained personnel.

## 3 Composition/information on ingredients

### · **Chemical characterization:**

#### · **CAS No. Description**

8014-09-3 Patchouli oil

#### · **Identification number(s)**

· **EC Number:** 282-493-4

## 4 First-aid measures

### · **General information:**

First Aider: Pay attention to self-protection!

General advice: No induce of vomiting by layman.

Immediately remove any clothing soiled by the product.

· **After inhalation:** Supply fresh air and to be sure call for a doctor.

#### · **After skin contact:**

Immediately rinse with water.

If skin irritation continues, consult a doctor.

· **After eye contact:** Rinse opened eye for 10 minutes under running water. If symptoms persist, consult a doctor.

#### · **After swallowing:**

Rinse out mouth and drink a glass of water. Do not induce vomiting.

Seek medical advice immediately and show the container or label.

If symptoms persist consult doctor.

## 5 Fire-fighting measures

· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

### · **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

(Contd. on page 2)

## Safety Data Sheet

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Trade name: OIL OF PATCHOULI artificial

(Contd. of page 1)

### 6 Accidental release measures

- **Person-related safety precautions:**
  - Ensure adequate ventilation
  - Do not breathe vapour/spray.
  - Avoid contact with the eyes and skin.
  - Wear protective clothing.
- **Measures for environmental protection:**
  - Do not allow to enter sewers/ surface or ground water.
  - Do not allow to penetrate the ground/soil.
- **Measures for cleaning/collecting:**
  - Absorb with liquid-binding material (e.g. Rotisorb® Art.-Nr. 1710.1).
  - Dispose of the material collected according to regulations.
  - Pick up mechanically.

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:**
  - Ensure good ventilation/exhaustion at the workplace.
  - Prevent formation of aerosols.
  - Avoid splashes or spray in enclosed areas.
  - Keep containers, equipment and working place clean.
  - Handling corresponding to laboratory safety guidelines.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** None.

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Do not eat, drink, smoke or sniff while working.
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing.
  - Wash hands before breaks and at the end of work.
  - Avoid contact with the eyes and skin.
  - Do not inhale gases / fumes / aerosols.
- **Respiratory protection:**
  - Use suitable respiratory protective device in case of insufficient ventilation.
  - Use suitable respiratory protective device only when aerosol or mist is formed.
  - Required when vapours/aerosols are generated.
- **Protection of hands:**



Protective gloves

(Contd. on page 3)

## Safety Data Sheet

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(Contd. of page 2)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
 Due to missing tests no recommendation to the glove material can be given for the product.  
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

- **Body protection:** Protective work clothing

## 9 Physical and chemical properties

- **General Information**

<b>Form:</b>	Fluid
<b>Colour:</b>	Brown
<b>Odour:</b>	Characteristic

- **Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

- **Flash point:** > 100°C
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density at 20°C:** 0.95 g/cm<sup>3</sup>
- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Materials to be avoided:** No information available.
- **Dangerous reactions:** No information available.
- **Dangerous decomposition products:** No information available.

## 11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** Quantitative data on the toxicity of this product are not available.
- **Primary irritant effect:**
- **on the skin:** No information available.
- **on the eye:** No information available.
- **after inhalation:** No information available.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
 When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

(Contd. on page 4)

## Safety Data Sheet

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**Trade name: OIL OF PATCHOULI artificial**

(Contd. of page 3)

- The substance is not subject to classification according to the latest version of the EU lists.
- **Further information:** The product should be handled with the care usual when dealing with chemicals.

### 12 Ecological information

- **Ecotoxicological effects:**
- **Aquatic toxicity:** Quantitative data on the ecological effect of this product are not available.
- **Remark:** Do not allow to enter waters, waste water, or soil!
- **General notes:** Generally not hazardous for water

### 13 Disposal considerations

- **Product:**
- **Recommendation**  
The disposal is regionally differently regulated, therefore the kind of disposal is to be inquired at the responsible authorities.
- **Uncleaned packaging:**
- **Recommendation:** Disposal according to official regulations.

### 14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Remarks:** Not subject to transport regulations.
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **UN "Model Regulation":** -

### 15 Regulatory information

- **Labelling according to EU guidelines:**  
This product is not hazardous according to EEC directive 67/548/EEC / directive 99/45/EC.
- **National regulations:**
- **Waterhazard class:** Generally not hazardous for water.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Department: Health, Safety and Environment
- **Contact:** Herr Dr. Hagel
- **Abbreviations and acronyms:**  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

(Contd. on page 5)



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GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)

(Contd. of page 4)

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