

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : 49021 Cinnamon  
Revision date : 05.03.2016  
Print date : 02.03.2017

Version (Revision) : 7.0.0 (6.0.0)

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

### 1.1 Product identifier

49021 Cinnamon

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

#### Relevant identified uses

Perfumes, fragrances

#### Remark

The product is intended for professional use.

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

#### Supplier (manufacturer/importer/only representative/downstream user/distributor)

Exagon AG

**Street :** Raffelstrasse 10

**Postal code/city :** CH – 8045 Zurich

**Telephone :** +41 44 430 36 76

**Telefax :** +41 44 430 36 66

**Information contact :** info@exagon.ch

### 1.4 Emergency telephone number

Chemtrec Global Services +1-703-527-3887

Chemtrec Germany (Frankfurt) +49-696 435 08409

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritation. Skin

Sens. 1 ; H317 - Skin sensitisation : Category 1 ; May cause an allergic skin reaction.

### 2.2 Label elements

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

##### Hazard pictograms



Exclamation mark (GHS07)

##### Signal word

Warning

##### Hazard components for labelling

CINNAMIC ALDEHYDE ; CAS No. : 104-55-2

EUGENOL ; CAS No. : 97-53-0

CINNAMYL NITRILE ; CAS No. : 4360-47-8

COUMARIN ; CAS No. : 91-64-5

d-Limonene ; CAS No. : 5989-27-5

##### Hazard statements

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H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

### Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash hands thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P321 Specific treatment (see details on this label).

### 2.3 Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

EUGENOL ; EC No. : 202-589-1; CAS No. : 97-53-0

Weight fraction :  $\geq 1 - < 10 \%$

Classification 1272/2008 [CLP] : Skin Sens. 1 ; H317 Eye Irrit. 2 ; H319

CINNAMIC ALDEHYDE ; EC No. : 203-213-9; CAS No. : 104-55-2

Weight fraction :  $\geq 1 - < 10 \%$

Classification 1272/2008 [CLP] : Acute Tox. 4 ; H312 Skin Irrit. 2 ; H315 Skin Sens. 1A ; H317 Eye Irrit. 2 ; H319

DIMETHYL BENZYL CARBINYL BUTYRATE ; EC No. : 233-221-8; CAS No. : 10094-34-5

Weight fraction :  $\geq 1 - < 10 \%$

Classification 1272/2008 [CLP] : Aquatic Chronic 2 ; H411

CINNAMYL NITRILE ; EC No. : 224-441-5; CAS No. : 4360-47-8

Weight fraction :  $\geq 1 - < 10 \%$

Classification 1272/2008 [CLP] : Acute Tox. 3 ; H301 Acute Tox. 4 ; H312 Skin Sens. 1 ; H317

PHENYLETHYLALCOHOL ; EC No. : 200-456-2; CAS No. : 60-12-8

Weight fraction :  $\geq 1 - < 10 \%$

Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Eye Irrit. 2 ; H319

COUMARIN ; EC No. : 202-086-7; CAS No. : 91-64-5

Weight fraction :  $\geq 0,1 - < 1 \%$

Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Skin Sens. 1 ; H317

d-Limonene ; REACH registration No. : 01-2119529223-47-XXXX ; EC No. : 227-813-5; CAS No. : 5989-27-5

Weight fraction :  $\geq 0,1 - < 1 \%$

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304 Skin Irrit. 2 ; H315 Skin Sens. 1B ; H317  
Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

ANETHOLE ; EC No. : 224-052-0; CAS No. : 4180-23-8

Weight fraction :  $\geq 0,1 - < 1 \%$

Classification 1272/2008 [CLP] : Skin Sens. 1B ; H317

#### Additional information

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

Remove victim out of the danger area. Change contaminated, saturated clothing. When in doubt or if symptoms are observed, get medical advice.

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## General information

Observe risk of aspiration if vomiting occurs.

## Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.

## In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. In case of skin reactions, consult a physician.

## After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

## After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting.

## Self-protection of the first aider

First aider: Pay attention to self-protection!

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

No information available.

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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Sand Foam Carbon dioxide (CO<sub>2</sub>) Dry extinguishing powder

#### Unsuitable extinguishing media

High power water jet

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

#### Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>) Sulphur oxides

### 5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

### 5.4 Additional information

Do not inhale explosion and combustion gases. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

Use personal protection equipment. Remove all sources of ignition. Provide adequate ventilation.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

### 6.4 Reference to other sections

None

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

All work processes must always be designed so that the following is excluded: Inhalation of vapours or spray/mists  
Skin contact Eye contact If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

#### Protective measures

##### Measures to prevent fire

Keep away from sources of ignition. - No smoking.

##### Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

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

Floors should be impervious, resistant to liquids and easy to clean. Provide for retaining containers, eg. floor pan without outflow. Keep/Store only in original container. Keep container tightly closed. Ensure adequate ventilation of the storage area.

#### Further information on storage conditions

Protect against : Heat. UV-radiation/sunlight

### 7.3 Specific end use(s)

Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

#### Personal protection equipment



##### Eye/face protection

Eye glasses with side protection

##### Skin protection

###### Hand protection

Disposable gloves.

Suitable material : Butyl caoutchouc (butyl rubber)

##### Respiratory protection

Usually no personal respirative protection necessary.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Colour : colourless

#### Odour

characteristic

#### Safety relevant basis data

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Initial boiling point and boiling range :	( 1013 hPa )	>	35 °C	
Flash point :		>	100 °C	DIN ISO 2719
Density :	( 20 °C )		0,938 - 0,952 g/cm <sup>3</sup>	

## 9.2 Other information

None

## SECTION 10: Stability and reactivity

Stable under recommended storage and handling conditions(See section 7).

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

Decomposition takes place from temperatures above: 230 °C

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

In case of exceeding the storage temperature: Danger of bursting container.

### 10.5 Incompatible materials

Oxidising agent.

### 10.6 Hazardous decomposition products

May cause decomposition by long-term light influence.

### 10.7 Additional information

May form explosive peroxides.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

No information available.

## SECTION 12: Ecological information

### 12.1 Toxicity

No information available.

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

No information available.

### 12.6 Other adverse effects

No information available.

### 12.7 Additional ecotoxicological information

None

## SECTION 13: Disposal considerations

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## 13.1 Waste treatment methods

Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.

### Product/Packaging disposal

#### Waste codes/waste designations according to EWC/AVV

##### Waste code product

160305

##### Waste treatment options

##### Appropriate disposal / Package

Non-contaminated packages may be recycled.

## SECTION 14: Transport information

### 14.1 UN number

No dangerous good in sense of these transport regulations.

### 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

### 14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

### 14.4 Packing group

No dangerous good in sense of these transport regulations.

### 14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

### 14.6 Special precautions for user

None

## SECTION 15: Regulatory information

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

None

### 15.2 Chemical safety assessment

No information available.

## SECTION 16: Other information

### 16.1 Indication of changes

2. Label elements · 03. Hazardous ingredients

### 16.2 Abbreviations and acronyms

None

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC)

#### No 1272/2008 [CLP]

No information available.

### 16.5 Relevant H- and EUH-phrases (Number and full text)

H226 Flammable liquid and vapour.

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H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
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.

## 16.6 Training advice

None

## 16.7 Additional information

None

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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. This document is not intended for quality assurance purposes.

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