

# Safety Data Sheet

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



**Trade name :** Art. 49021 scented oil Cinnamon  
**Revision date :** 25.03.2025  
**Print date :** 01.04.2025

**Version (Revision) :** 12.0.0 (11.0.0)

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

### 1.1 Product identifier

Art. 49021 scented oil Cinnamon  
Unique Formula Identifier : 25Y8-700Q-700Y-97TD

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

#### Relevant identified uses

PC 28 - Perfumes, fragrances

#### Remark

The product is intended for professional use.

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

#### Supplier

Exagon AG

**Street :** Rffelstrasse 10

**Postal code/City :** CH – 8045 Zrich

**Telephone :** +44 (0)44 430 36 76

**Information contact :** [info@exagon.ch](mailto:info@exagon.ch)

### 1.2 Emergency telephone number: 145 (Tox Info Suisse)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

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

EUGENOL ; CAS No. : 97-53-0

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

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

COUMARIN ; CAS No. : 91-64-5

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

ANETHOLE ; CAS No. : 4180-23-8

ISOEUGENOL ; CAS No. : 97-54-1

#### Hazard statements

H317 May cause an allergic skin reaction.

#### Precautionary statements

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P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P321 Specific treatment (see details on this label).  
P302+P352 IF ON SKIN: Wash with plenty of water/....  
P362+P364 Take off contaminated clothing and wash it before reuse.

### 2.3 Other hazards

#### Adverse human health effects and symptoms

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

#### Adverse environmental effects

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

EUGENOL ; REACH No. : 01-2119971802-33-XXXX ; 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 ; REACH No. : 01-2119935242-45-XXXX ; EC No. : 203-213-9; CAS No. : 104-55-2

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

Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Skin Sens. 1A ; H317 Eye Irrit. 2 ; H319 Aquatic Chronic 3 ; H412

Specific Conc. Limits : Skin Sens. 1A ; H317: C  $\geq 0,01 \%$

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 Acute Tox. 4 ; H332 Skin Sens. 1B ; H317

COUMARIN ; REACH No. : 01-2119949300-45-XXXX ; 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

ANISALDEHYDE ; REACH No. : 01-2119977101-43-XXXX ; EC No. : 204-602-6; CAS No. : 123-11-5

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

Classification 1272/2008 [CLP] : Repr. 2 ; H361 Aquatic Chronic 3 ; H412

d-Limonene ; REACH 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 3 ; H412

Specific Conc. Limits : (M Acute=1)

ANETHOLE ; REACH No. : 01-2119979097-22-XXXX ; EC No. : 224-052-0; CAS No. : 4180-23-8

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

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

ISOEUGENOL ; EC No. : 202-590-7; CAS No. : 97-54-1

Weight fraction :  $< 0,1 \%$

Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Acute Tox. 4 ; H312 Acute Tox. 4 ; H332 Skin Irrit. 2 ; H315

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Specific Conc. Limits : Skin Sens. 1A ; H317 Eye Irrit. 2 ; H319 STOT SE 3 ; H335  
Skin Sens. 1A ; H317: C ≥ 0,01 %

### Additional information

For full text of Hazard- and EU Hazard-statements: 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.

#### 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.

#### Following 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

Full 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.

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### 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 (sand, diatomaceous earth, acid- or universal binding agents).

### 6.4 Reference to other sections

None

## 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, e.g. 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.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Colour : colourless

#### Odour

characteristic

#### Safety characteristics

Melting point/freezing point :

not applicable

Freezing point :

not applicable

Initial boiling point and boiling range :

( 1013 hPa )

>

35 °C

Flash point :

>

60 °C

DIN ISO 2719

Auto-ignition temperature :

No data available

Lower explosion limit :

not determined

Upper explosion limit :

not determined

Vapour pressure :

( 50 °C )

<

1000 hPa

Density :

( 20 °C )

<

0,938 - 0,952 g/cm<sup>3</sup>

Solvent separation test :

( 20 °C )

<

3 %

pH :

not determined

log P O/W :

not applicable

Flow time :

( 20 °C )

<

12 s

DIN-cup 4 mm

Relative vapour density :

( 20 °C )

not determined

### 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

Oxidizing agent.

### 10.6 Hazardous decomposition products

May cause decomposition by long-term light influence.

### 10.7 Additional information

Sensitivity to light (photosensitive).

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Acute oral toxicity

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Parameter : ATE ( EUGENOL ; CAS No. : 97-53-0 )  
Exposure route : Oral  
Effective dose : = 2500 mg/kg  
Parameter : LD50 ( CINNAMIC ALDEHYDE ; CAS No. : 104-55-2 )  
Exposure route : Oral  
Effective dose : 2200 mg/kg  
Parameter : LD50 ( COUMARIN ; CAS No. : 91-64-5 )  
Exposure route : Oral  
Effective dose : 290 mg/kg  
Parameter : LD50 ( ISOEUGENOL ; CAS No. : 97-54-1 )  
Exposure route : Oral  
Effective dose : 542 mg/kg

### Acute dermal toxicity

Parameter : LD50 ( ISOEUGENOL ; CAS No. : 97-54-1 )  
Exposure route : Dermal  
Effective dose : 1912 mg/kg

### Acute inhalation toxicity

Parameter : ATE ( ISOEUGENOL ; CAS No. : 97-54-1 )  
Exposure route : Inhalation (dust/mist)  
Effective dose : 1,5 mg/l

## Corrosion

### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

### Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

## Respiratory or skin sensitisation

May cause an allergic skin reaction.

## CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

### Carcinogenicity

Based on available data, the classification criteria are not met.

### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

### Reproductive toxicity

Based on available data, the classification criteria are not met.

## STOT-single exposure

Based on available data, the classification criteria are not met.

## STOT-repeated exposure

Based on available data, the classification criteria are not met.

## Aspiration hazard

Based on available data, the classification criteria are not met.

## 11.2 Information on other hazards

No information available.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

Based on available data, the classification criteria are not met.

#### Acute (short-term) fish toxicity

Parameter : Acute (short-term) fish toxicity ( d-Limonene ; CAS No. : 5989-27-5 )  
Species : Pimephales promelas (fathead minnow)

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Effective dose : 720 µg/l  
Exposure time : 96 hour(s)

### Chronic (long-term) fish toxicity

Parameter : EC10 ( d-Limonene ; CAS No. : 5989-27-5 )  
Species : Pimephales promelas (fathead minnow)  
Evaluation parameter : Chronic (long-term) fish toxicity  
Effective dose : 0,37 mg/l  
Exposure time : 8 day(s)

### 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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Endocrine disrupting properties

No information available.

### 12.7 Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 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.

## SECTION 14: Transport information

### 14.1 UN number or ID 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

### 14.7 Maritime transport in bulk according to IMO instruments

not relevant

## SECTION 15: Regulatory information

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

EU legislation

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### Authorisations and/or restrictions on use

#### Restrictions on use

#### Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)

Use restriction according to REACH annex XVII, no. : 3

### 15.2 Chemical Safety Assessment

No information available.

## SECTION 16: Other information

### 16.1 Indication of changes

03. Hazardous ingredients

### 16.2 Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute toxicity estimate
AwSV	Regulation on Installations for Handling Substances Hazardous to Water
CAS	Chemical Abstracts Service
CLP	Regulation on classification, labelling and packaging of substances, Regulation (EC) No 1272/2008
DGR	Dangerous Goods Regulations
DIN	Standard of the German Institute for Standardisation
DNEL	Derived exposure level below which the substance does not lead to any impairment of human health
GHS	Globally harmonised system for the classification and labelling of chemicals
IATA	International Air Transport Association
ICAO-TI	International Civil Aviation Organization-Technical Instructions
IMDG	International Maritime Dangerous Goods
ISO	International Organisation for Standardisation
LC50	Lethal concentration for 50 % of a test population
LD50	Lethal dose for 50 % of a test population
NO(A)EL	Dose at which no (harmful) effect is detectable
n.o.s.	not otherwise specified
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent, bioaccumulative and toxic substances
STEL	short-term exposure limit
SVHC	Substance of very high concern
TRGS	Technical rules for hazardous substances
TWA	Time-weighted average
vPvB	Very persistent and very bioaccumulative
WGK	Wassergefährdungsklasse (Water hazard class)

### 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]

Calculated according to the formula provided in Regulation (EC) No. 1272/2008 [CLP] Annex I, Section 2.15.2.1.

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

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.



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H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
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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