

# Safety Data Sheet

according to UK REACH Regulation

## Natürliches ätherisches Öl Nelke, Art.-Nr. 646420, 646520

Revision date: 29.03.2023

Product code: F1004006

Page 1 of 6

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

#### 1.1. Product identifier

Natürliches ätherisches Öl Nelke, Art.-Nr. 646420, 646520

UFI: 5X2C-R0T9-U00K-RF2F

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

##### Use of the substance/mixture

Turkish fragrance emulsions are used exclusively in the classic Turkish (Russian-Roman). This water oil mixture is used undiluted fed into the steam line.

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

Company name:	Finnsa GmbH	
Street:	Marburger Str. 35	
Place:	D-36304 Alsfeld	
Post-office box:	1261	
	D-36292 Alsfeld	
Telephone:	06631-96880	Telefax: 06631-9688-96
e-mail:	info@finnsa.de	
Contact person:	Uwe Helm	
Internet:	finnsa.de	
Responsible Department:	Verkauf	

**1.4. Emergency telephone number:** 06131 19240 Giftinformationszentrum (GIZ) der Länder Rheinland-Pfalz und Hessen

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GB CLP Regulation

Eye Irrit. 2; H319  
Skin Sens. 1; H317

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

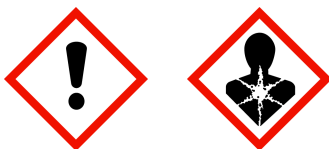
##### GB CLP Regulation

##### Hazard components for labelling

Eugenol  
Isoeugenol  
beta-Caryophyllen

**Signal word:** Danger

**Pictograms:**



##### Hazard statements

H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H304	May be fatal if swallowed and enters airways.

##### Precautionary statements

P102	Keep out of reach of children.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.

# Safety Data Sheet

according to UK REACH Regulation

## Natürliches ätherisches Öl Nelke, Art.-Nr. 646420, 646520

Revision date: 29.03.2023

Product code: F1004006

Page 2 of 6

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P405 Store locked up.  
 P501 Dispose of contents/container to an appropriate recycling or disposal facility.

### Special labelling of certain mixtures

EUH208 Contains Eugenol, Isoeugenol, beta-Caryophyllen. May produce an allergic reaction.

### Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

### Pictograms:



### Hazard statements

H304

### Precautionary statements

P301+P310-P501

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
97-53-0	Eugenol			80 - < 85 %
	202-589-1			
	Eye Irrit. 2, Skin Sens. 1; H319 H317			
97-54-1	Isoeugenol			< 1 %
	202-590-7			
	Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H312 H302 H315 H319 H317			

Full text of H and EUH statements: see section 16.

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
97-54-1	202-590-7	Isoeugenol	< 1 %
	dermal: ATE = 1100 mg/kg; oral: ATE = 500 mg/kg		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

No special measures are necessary.

#### After inhalation

Provide fresh air. Seek medical attention if problems persist.

#### After contact with skin

non-irritant.

#### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids

# Safety Data Sheet

according to UK REACH Regulation

## Natürliches ätherisches Öl Nelke, Art.-Nr. 646420, 646520

Revision date: 29.03.2023

Product code: F1004006

Page 3 of 6

apart.

### After ingestion

Seek medical attention if problems persist.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

### 5.3. Advice for firefighters

No special measures are necessary.

## SECTION 6: Accidental release measures

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

#### General advice

No special measures are necessary.

### 6.2. Environmental precautions

Dilute with plenty of water.

Do not allow to enter into surface water or drains.

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

#### Other information

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

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

No special precautionary measures are necessary.

#### Advice on protection against fire and explosion

No special precautionary measures are necessary.

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

#### Requirements for storage rooms and vessels

No special precautionary measures are necessary.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Individual protection measures, such as personal protective equipment

##### Hand protection

Before using check leak tightness / impermeability. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### Respiratory protection

Respiratory protection necessary at: insufficient ventilation.

## SECTION 9: Physical and chemical properties

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

Physical state:

liquid:

**Safety Data Sheet**

according to UK REACH Regulation

**Natürliches ätherisches Öl Nelke, Art.-Nr. 646420, 646520**

Revision date: 29.03.2023

Product code: F1004006

Page 4 of 6

Colour: light yellow  
 Odour: characteristic  
 Odour threshold: not determined

**Test method**

Melting point/freezing point: not determined  
 Boiling point or initial boiling point and boiling range: not determined  
 Lower explosion limits: not determined  
 Upper explosion limits: not determined  
 Flash point: 104 °C  
 Decomposition temperature: not determined  
 Partition coefficient n-octanol/water: not determined OECD 123  
 Vapour pressure: not determined  
 Vapour pressure: not determined  
 Density (at 20 °C): 1,045 g/cm<sup>3</sup>

**9.2. Other information****Information with regard to physical hazard classes**

Explosive properties  
 not determined

**SECTION 10: Stability and reactivity****10.4. Conditions to avoid**

none

**10.6. Hazardous decomposition products**

none

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

Based on available data, the classification criteria are not met.  
 none

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
97-54-1	Isoeugenol				
	oral	ATE 500 mg/kg			
	dermal	ATE 1100 mg/kg			

**Irritation and corrosivity**

Causes serious eye irritation.  
 Skin corrosion/irritation: Based on available data, the classification criteria are not met.  
 none

**Sensitising effects**

Contains Eugenol, Isoeugenol, beta-Caryophyllen. May produce an allergic reaction. May cause an allergic skin reaction. (Eugenol; Isoeugenol)  
 none

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

# Safety Data Sheet

according to UK REACH Regulation

## Natürliches ätherisches Öl Nelke, Art.-Nr. 646420, 646520

Revision date: 29.03.2023

Product code: F1004006

Page 5 of 6

### 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.

### Additional information on tests

The evaluation was carried out according to the calculation method of the Preparations Directive.  
irritant.

- Mutagen  
none
- Carcinogenicity  
none
- Teratogen  
none
- Phototoxicity  
none

## SECTION 12: Ecological information

### 12.1. Toxicity

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

### 12.5. Results of PBT and vPvB assessment

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

### 12.6. Endocrine disrupting properties

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

### Further information

- 1 slightly hazardous to water
- Do not allow to enter into surface water or drains.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Can be disposed of on a rubbish tip for household waste.

#### Contaminated packaging

Dispose of waste according to applicable legislation.  
Cleaning agent. Water (with cleaning agent).

## SECTION 14: Transport information

### Land transport (ADR/RID)

**14.3. Transport hazard class(es):** Not a hazardous material with respect to these transportation regulations.

### Marine transport (IMDG)

**14.3. Transport hazard class(es):** Not a hazardous material with respect to these transportation regulations.

### Air transport (ICAO-TI/IATA-DGR)

**14.3. Transport hazard class(es):** Not a hazardous material with respect to these transportation regulations.

## SECTION 15: Regulatory information

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

**Safety Data Sheet**

according to UK REACH Regulation

**Natürliches ätherisches Öl Nelke, Art.-Nr. 646420, 646520**

Revision date: 29.03.2023

Product code: F1004006

Page 6 of 6

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3

2004/42/EC (VOC): 0

**National regulatory information**

Water hazard class (D): 2 - obviously hazardous to water

**Additional information**

Customs tariff number 33074900

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 2,15.

**Classification for mixtures and used evaluation method according to GB CLP Regulation**

Classification	Classification procedure
Eye Irrit. 2; H319	Calculation method
Skin Sens. 1; H317	Calculation method

**Relevant H and EUH statements (number and full text)**

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.
EUH208	Contains Eugenol, Isoeugenol, beta-Caryophyllen. May produce an allergic reaction.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*