

Safety Data Sheet

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



Trade name : 49081 Sandalwood-orange
Revision date : 06.03.2016
Print date : 02.03.2017

Version (Revision) : 5.0.0 (4.0.0)

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

1.1 Product identifier

49081 Sandalwood-orange

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 Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin 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

GERANYL ACETATE ; CAS No. : 105-87-3

CITRAL ; CAS No. : 5392-40-5

GERANIOL ; CAS No. : 106-24-1

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

DODECANAL ; CAS No. : 112-54-9

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Hazard statements

H315 Causes skin irritation.
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

TETRAHYDROLINALOOL ; EC No. : 201-133-9; CAS No. : 78-69-3

Weight fraction : $\geq 1 - < 10 \%$
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319

GERANYL ACETATE ; EC No. : 203-341-5; CAS No. : 105-87-3

Weight fraction : $\geq 1 - < 10 \%$
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Aquatic Chronic 3 ; H412

CITRAL ; EC No. : 226-394-6; CAS No. : 5392-40-5

Weight fraction : $\geq 1 - < 10 \%$
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Skin Sens. 1B ; H317 Eye Irrit. 2 ; H319

METHYL beta-NAPHTHYL KETONE ; EC No. : 202-216-2; CAS No. : 93-08-3

Weight fraction : $\geq 1 - < 10 \%$
Classification 1272/2008 [CLP] : None

GERANIOL ; REACH registration No. : 01-2119552430-49-XXXX ; EC No. : 203-377-1; CAS No. : 106-24-1

Weight fraction : $\geq 1 - < 10 \%$
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317

OCTANAL ; EC No. : 204-683-8; CAS No. : 124-13-0

Weight fraction : $\geq 1 - < 10 \%$
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Skin Irrit. 2 ; H315

TERPINEOL ; EC No. : 232-282-8; CAS No. : 8000-41-7

Weight fraction : $\geq 1 - < 10 \%$
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319

CITRONELLYL NITRILE ; EC No. : 257-288-8; CAS No. : 51566-62-2

Weight fraction : $\geq 1 - < 10 \%$
Classification 1272/2008 [CLP] : None

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

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

DODECANAL ; EC No. : 203-983-6; CAS No. : 112-54-9

Weight fraction : $\geq 0,1 - < 1 \%$
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Skin Sens. 1B ; H317 Eye Irrit. 2 ; H319

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DECANAL ; EC No. : 203-957-4; CAS No. : 112-31-2
Weight fraction : $\geq 0,1 - < 1 \%$
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319 Aquatic Chronic 3 ; H412
TERPINOLENE ; EC No. : 209-578-0; CAS No. : 586-62-9
Weight fraction : $\geq 0,1 - < 1 \%$
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304 Aquatic Chronic 2 ; H411

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.

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 (CO₂) 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_x) 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.

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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

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

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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

Initial boiling point and boiling range :	(1013 hPa)	>	35 °C	
Flash point :		=	82 °C	DIN ISO 2719
Density :	(20 °C)		0,913 - 0,927 g/cm ³	

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

Acute effects

Acute oral toxicity

Parameter :	LD50 (OCTANAL ; CAS No. : 124-13-0)
Exposure route :	Oral
Species :	Rat
Effective dose :	5630 mg/kg

Acute dermal toxicity

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Parameter : LD50 (OCTANAL ; CAS No. : 124-13-0)
Exposure route : Dermal
Species : Rabbit
Effective dose : 6350 g/kg

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

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

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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.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
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

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.