

According to Regulation (EC) No 1907/2006

Long Life Deo

Version number: 6.1
Issued: 2026-03-23
Replaces SDS: 2021-11-25



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

1.1. Product identifier

Trade name

Long Life Deo

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

Relevant identified uses

Room air freshener for professional users.

Not suitable for use in

All other uses are discouraged.

1.3. Details of the supplier of the safety data sheet

Supplier

KLEEN PURGATIS GmbH

Address

Dieselstraße 10
32120 Hiddenhausen
Germany

Telephone

+49 (0) 5223 9970-40

Email

info@kleen-purgatis.de

Web site

www.kleenpurgatis.de

Contact person

Regulatory Affairs

Email

info@kleen-purgatis.de

1.4. Emergency telephone number

+49 (0) 551 - 19240 (GIZ-Nord)

Available outside office hours

Yes

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

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2.2. Label elements

Supplemental hazard statements

EUH208 Contains geraniol, cineole. May produce an allergic reaction.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P333 +P313 If skin irritation or rash occurs: Get medical advice/attention.

2.3. Other hazards

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrases M factor acute M factor chronic	Specific concentration limits ATE	Note
geraniol	106-24-1 203-377-1 01-2119552430-49 -	0.1 - <1%	Skin Irrit. 2, Skin Sens. 1, Eye Dam. 1	H315, H317, H318 - -		-
Cineole	470-82-6 207-431-5 01-2119967772-24 -	0.1 - <1%	Flam. Liq. 3, Skin Sens. 1B	H226, H317 - -		-
Alcohols, C12-14, ethoxylated	68439-50-9 - 01-2119487984-16-xxxx -	0.1 - <1%	Acute Tox. 4 - oral, Eye Dam. 1, Aquatic Chronic 3	H302, H318, H412 - -	ATE [Oral]: 500 mg/kg bw	-

Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Description of first aid measures

First responders: Pay attention to self-protection.

Inhalation

Not applicable.

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Skin contact

In case of contact, immediately flush skin with plenty of water.

Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if necessary.

Ingestion

Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Consult a physician if necessary.

Information for doctors

For specialist advice physicians should contact the Poisons Information Service.

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

Immediate effects can be expected after long-term exposure.

Inhalation

Not applicable .

Skin contact

May cause skin irritation.

Itching / rash .

Eye contact

May cause eye irritation.

Eye irritation, cloudy / blurred field of vision, excessive lachrymation.

Ingestion

Ingestion may cause stomach irritation, nausea, vomiting and diarrhoea.

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

Treat symptomatically. For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

No hazardous decomposition products are known.

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5.3. Advice for firefighters

Special protective equipment for fire-fighters

In the event of fire, wear self contained breathing apparatus.

Measures in case of fire

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment. Avoid direct contact with the material / product. Ensure adequate ventilation.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

Soak up with absorbent material (e.g. sand, silica gel, sawdust...).

6.4. Reference to other sections

For information on storage and handling see section 7.

For information on exposure and personal protective equipment, see Section 8.

For information on incompatible materials, see Section 10.

For information on disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Wear personal protective equipment. Avoid direct contact with the material / product. Ensure adequate ventilation, especially in confined areas.

General hygiene

Wash hands after handling.

When using, do not eat, drink or smoke.

The usual precautionary measures when handling chemicals must be observed.

7.2. Conditions for safe storage, including any incompatibilities

Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Keep away from food, drink and animal feeding stuffs.

Store in a place accessible by authorized persons only.

Storage class according to TRGS 510: 12 (non-flammable liquids)

Storage temperature: 10 °C to 40 °C

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7.3. Specific end use(s)

See section Room air freshener
GISCODE: GS0

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
geraniol (106-24-1/203-377-1)	DNEL	Chronic (long term) Inhalation	161.6 mg/m ³	Workers	Systemic
geraniol (106-24-1/203-377-1)	DNEL	Chronic (long term) Dermal	12.5 mg/kg	Workers	Systemic

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
geraniol (106-24-1/203-377-1)	PNEC	Freshwater	0.011 mg/l
geraniol (106-24-1/203-377-1)	PNEC	Sewage Treatment Plant	0.7 mg/l
geraniol (106-24-1/203-377-1)	PNEC	Sediment (freshwater)	0.115 mg/kg
geraniol (106-24-1/203-377-1)	PNEC	Soil	0.017 mg/kg

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Eye / face protection

Safety glasses with side-shields conforming to EN166

Hand protection

Wear chemical-resistant disposable protective gloves according to EN 374.

Other skin protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

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Respiratory protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

Thermal hazards

Not applicable

Environmental exposure controls

No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Colourless

Odour

Fresh scent

Odour threshold

Not determined for the mixture.

Melting point / freezing point

Not determined for the mixture.

Boiling point or initial boiling point and boiling range

Not determined for the mixture.

Flammability

Not applicable.

Lower and upper explosion limit

The product / mixture has no explosive properties.

Flash point

> 80 °C

Auto-ignition temperature

Not applicable.

Decomposition temperature

Not determined for the mixture.

pH

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Kinematic viscosity

Not determined for the mixture.

Solubility

Water soluble

Water solubility

Miscible

Partition coefficient n-octanol/water

Not determined for the mixture.

Vapour pressure

Not determined for the mixture.

Density and/or relative density

1,00 g/ml

Relative vapour density

Not determined for the mixture.

Evaporation Rate

Not determined for the mixture.

Explosive properties

The product / mixture has no explosive properties.

Oxidising properties

The product / mixture has no oxidizing properties.

VOC %

<0,1 % (CH)

Particle characteristics

No data available

9.2. Other information

This product / mixture does not contain any nanomaterials or nanoforms as defined in Regulation (EC) 1907/2006.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at normal conditions

10.2. Chemical stability

The product is chemically stable.

10.3. Possibility of hazardous reactions

None under normal use.

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10.4. Conditions to avoid

Protect from frost, heat and sunlight.

10.5. Incompatible materials

Not applicable .

10.6. Hazardous decomposition products

For information on combustion products, see Section 5.

SECTION 11: Toxicological information

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

Acute toxicity

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

Toxicology data for the components.

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals
Alcohols, C12-14, eth-oxyated 68439-50-9 /	LD50	<2.000 mg/kg	Oral	rat

Skin corrosion/irritation

May cause skin irritation.

Serious eye damage/irritation

May cause eye irritation.

Respiratory or skin sensitisation

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

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11.2. Information on other hazards

Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

SECTION 12: Ecological information

12.1. Toxicity

Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
geraniol 106-24-1 / 203-377-1	LC 50	22 mg/l	96 h	Fisch
geraniol 106-24-1 / 203-377-1	EC 50	10,8 mg/l	48 h	Invertebrates.
Cineole 470-82-6 / 207-431-5	LC50	95,4 mg/L	96h	Pimephales promelas (fathead minnow)

Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
geraniol 106-24-1 / 203-377-1	ErC 50	13,1 mg/l	72 h	algae

Micro-/macro organism toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
geraniol 106-24-1 / 203-377-1	EC 50	70 mg/l	30 min	Microorganisms

12.2. Persistence and degradability

The surfactants contained in this mixture / product meet the requirements for biodegradability in accordance with Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

No data available

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12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

12.6. Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

12.7. Other adverse effects

This product / mixture does not contain any substances within the meaning of Regulation (EC) No. 1005/2009 that deplete the ozone layer.

Other

German Water Class

WGK1 - slightly water endangering

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

waste disposal accordance with applicable local/regional/national/international regulations .

Packaging

Do not re-use empty containers. Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging : Dispose of as unused product.

Waste code	Waste description
20 01 99	other fractions not otherwise specified

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

SECTION 14: Transport information

14.1. UN number

No dangerous goods in the sense of the transport regulations

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

No dangerous goods in the sense of the transport regulations

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14.3. Transport hazard class(es)

Label

No dangerous goods in the sense of the transport regulations

14.4. Packing group

No dangerous goods in the sense of the transport regulations

14.5. Environmental hazards

Environmental hazards

No dangerous goods in the sense of the transport regulations

14.6. Special precautions for user

Special precautions for user

The usual precautionary measures when handling chemicals must be observed.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous goods in the sense of the transport regulations

Other

Not applicable

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 1272/2008 (CLP)

EU Regulation (EC) No. 1907/2006 (REACH)

Substances subject to authorization according to Annex XIV: not applicable

Substance restrictions according to Annex XVII: not applicable

Substances on the REACH candidate list (SVHC): not applicable

Regulation (EU) No. 528/2012 (BPR)

Active ingredients: not applicable

Regulation (EU) 2019/1148 (explosives)

Restricted raw material according to Annex I: not applicable

Notifiable raw materials according to Annex II: not applicable

Directive 2011/65 / EU (ROHS 2)

Substance restrictions according to Annex II: not applicable

Regulation (EU) 2019/1021 (POP)

Persistent organic pollutants: not applicable

Directive 2012/18/EU (Seveso III)

Seveso hazard category: not applicable

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National regulations

In addition, comply with all national and local regulations for the handling of chemicals.

Other regulations, limitations and legal regulations

Take note of Dir 94/33/EC on the protection of young people at work.

15.2. Chemical safety assessment

The mixture has not been subjected to a safety assessment.

SECTION 16: Other information

Changes to previous revision

General update without changes.

VOC value (CH)

Abbreviations

ADN - European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR - The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE - Acute Toxicity Estimate

BCF - Bioconcentration Factor

CAS - Chemical Abstracts Service

CE - Conformité Européenne (European conformity)

CLP - Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA - Chemical Safety Assessment

CSR - Chemical Safety Report

DMEL - Derived Minimal Effect Level

DNEL - Derived No Effect Level

EINECS - European Inventory of Existing Commercial chemical Substances

ES - Exposure Scenario

EUH statement - CLP-specific Hazard statement

EuPCS - European Product Categorisation System

EWG - European Waste Catalogue

GHS - Globally Harmonized System of Classification and Labelling of Chemicals

GWP - Global warming potential

IARC - International Agency for Research on Cancer (IARC)

IATA - International Air Transport Association

IBC - Intermediate Bulk Container

IMDG - International Maritime Dangerous Goods

LogPow - logarithm of the octanol/water partition coefficient

MARPOL - International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" - marine pollution)

OECD - Organisation for Economic Co-operation and Development

PBT - Persistent, Bioaccumulative and Toxic

PNEC - Predicted No Effect Concentration

RID - The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN - REACH Registration Number

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SCL - A specific concentration limit
STOT-RE - Specific Target Organ Toxicity - Repeated Exposure
STOT-SE - Specific Target Organ Toxicity - Single Exposure
SVHC - Substances of Very High Concern
TWA - Time weighted average
UN - United Nations
UVBC - Unknown or variable composition, complex reaction products or of biological materials
VOC - Volatile Organic Compound
vPvB - Very Persistent and Very Bioaccumulative

References to key literature and data sources

REACH registration dossiers
ECHA C&L - Inventory
Safety data sheets from raw material suppliers

Evaluation methods for classification

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:
Health hazards: calculation method

Phrase meaning

Skin Irrit. 2 - Skin irritation, hazard category 2
Skin Sens. 1 - Skin sensitisation, hazard category 1
Eye Dam. 1 - Serious eye damage, hazard category 1
Flam. Liq. 3 - Flammable liquids, hazard category 3
Skin Sens. 1B - Skin sensitisation, hazard category 1, sub-category 1B
Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4
Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.
EUH208 Contains geraniol, cineole. May produce an allergic reaction.

Additional information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

Manufacturer's notes

Legal disclaimer: The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.