

According to Regulation (EC) No 1907/2006

PREMIUM N° 3

Version number: 5.1
Issued: 2025-12-12
Replaces SDS: 2021-08-24



KLEEN
PURGATIS

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

1.1. Product identifier

Trade name

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

Relevant identified uses

Parquet and laminate cleaner 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

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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-phrase M factor acute M factor chronic	Specific concentra- tion limits ATE	Note
ethanol; ethyl alcohol	64-17-5 200-578-6 01-2119457610-43-xxxx 603-002-00-5	5 - 10%	Flam. Liq. 2	H225 - -		
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	-
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3 500-234-8 01-2119488639-16-xxxx -	0.1 - <1%	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3	H315, H318, H412 - -	Eye Dam. 1, H318: C ≥ 10% Eye Irrit. 2, H319: 5% ≤ C < 10% ATE [Oral]: 4100 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

Take the victim into fresh air. Consult a physician if necessary.

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Skin contact

Wash off with soap and water. In the case of skin irritation or allergic reactions see a physician.

Eye contact

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Consult a physician.

Ingestion

Clean mouth with water and drink afterwards plenty of water. Consult a physician if necessary.

Information for doctors

Show this safety data sheet to the doctor in attendance.

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

Immediate effects can be expected after long-term exposure.

Inhalation

Dizziness, headache

Skin contact

May cause skin irritation.

Eye contact

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

Ingestion

Nausea, vomiting, gastrointestinal discomfort.

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

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

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

Hazardous decomposition products formed under fire conditions.

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.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

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

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

General hygiene

Wash hands after handling.

When using, do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

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: 10 (flammable liquids)

Store in original container.

Storage temperature: 10 °C to 40 °C

7.3. Specific end use(s)

GISCODE: GU50

See section 1.2: Parquet and laminate cleaner

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
ethanol; ethyl alcohol (64-17-5/200-578-6)	DNEL	Chronic (long term) Inhalation	950 mg/m ³	Workers	Systemic
ethanol; ethyl alcohol (64-17-5/200-578-6)	DNEL	Acute (short term) Inhalation	1900 mg/m ³	Workers	Local
ethanol; ethyl alcohol (64-17-5/200-578-6)	DNEL	Chronic (long term) Dermal	343 mg/kg	Workers	Systemic
ethanol; ethyl alcohol (64-17-5/200-578-6)	DNEL	Chronic (long term) Oral	87 mg/kg	Consumers	Systemic
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Dermal	2750 mg/kg	Workers	Systemic
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Inhalation	175 mg/m ³	Workers	Systemic
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Oral	15 mg/kg	Consumers	Systemic

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
ethanol; ethyl alcohol (64-17-5/200-578-6)	PNEC	Freshwater	960 µg/l
ethanol; ethyl alcohol (64-17-5/200-578-6)	PNEC	Marine water	790 µg/l
ethanol; ethyl alcohol (64-17-5/200-578-6)	PNEC	Sewage Treatment Plant	580 mg/l
ethanol; ethyl alcohol (64-17-5/200-578-6)	PNEC	Sediment (freshwater)	3.6 mg/kg
ethanol; ethyl alcohol (64-17-5/200-578-6)	PNEC	Sediment (marine water)	2.9 mg/kg
ethanol; ethyl alcohol (64-17-5/200-578-6)	PNEC	Soil	0.63 mg/kg
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Freshwater	0.24 mg/l

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Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Marine water	0.024 mg/l
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Sewage Treatment Plant	10000 mg/l
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Sediment (freshwater)	0.9168 mg/kg
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Sediment (marine water)	0.09168 mg/kg
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Soil	7.5 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.

Respiratory protection

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

Thermal hazards

Not applicable

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Blue

Odour

Fresh citrus fruits

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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

> 41 °C

Auto-ignition temperature

Not applicable.

Decomposition temperature

Not determined for the mixture.

pH

7

Kinematic viscosity

Not determined for the mixture.

Viscosity, dynamic

Not determined for the mixture.

Solubility

Water soluble

Water solubility

completely miscible

Partition coefficient n-octanol/water

Not determined for the mixture.

Vapour pressure

Not determined for the mixture.

Density and/or relative density

0.986 g/cm³

Relative vapour density

Not determined for the mixture.

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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 %

8.5 %

Particle characteristics

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

9.2. Other information

The product has been tested for self-sustaining combustion (L.2) - result: negative.

Conductivity : 2,5 mS/cm

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.

10.4. Conditions to avoid

Protect from frost, heat and sunlight.

10.5. Incompatible materials

Oxidizing agents, strong acids, strong bases.

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

Toxicology data for the components

Acute toxicity

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

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Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
ethanol; ethyl alcohol 64-17-5 / 200-578-6	LD50	10.470 mg/kg	Oral	-	rat	OECD 401
alcohols, C12- 14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	LD50	> 2.000 mg/kg	Dermal	-	rat	OECD 402
ethanol; ethyl alcohol 64-17-5 / 200-578-6	LD50	> 2.000 mg/kg	Dermal	-	rabbit	OECD 402
ethanol; ethyl alcohol 64-17-5 / 200-578-6	LC50	> 50 mg/l	Inhalation	4 h	rat	OECD 403
ethanol; ethyl alcohol 64-17-5 / 200-578-6	LC50	> 20 mg/l	Inhalation	4 h	mouse	-
Alcohols, C12- 14, ethoxylated 68439-50-9 /	LD50	<2.000 mg/kg	Oral	-	rat	-
alcohols, C12- 14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	LD50	4.100 mg/kg	Oral	-	rat	OECD 401

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory or skin sensitisation

May produce an allergic reaction.

Carcinogenicity

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

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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.

Product / Sub- stance name CAS / EC no.	Exposure route	Target organs	Value / Dose	Species	Exposure time / Exposure fre- quency	Method / Guideline
ethanol; ethyl alcohol 64-17-5 / 200-578-6	NOAEL (oral)	Liver	1.760 mg/kg	rat	90 d	OECD 408

Aspiration hazard

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

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 toxicity

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

Acute fish toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
ethanol; ethyl alcohol 64-17-5 / 200-578-6	LC50	8.140 mg/l	48 h	Leuciscus idus	-
alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	LC50	7,1 mg/l	96h	Fish	OECD 203

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**Acute algae toxicity**

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
ethanol; ethyl alcohol 64-17-5 / 200-578-6	EC50	> 100 mg/l	Static test	Chlorella pyrenoidosa	OECD 201
ethanol; ethyl alcohol 64-17-5 / 200-578-6	EC50	275 mg/l	72 h	Chlorella vulgaris	OECD 201
alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	EC50	7,5 mg/l	96h	algae	OECD 202

Acute crustacean toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
ethanol; ethyl alcohol 64-17-5 / 200-578-6	EC50	> 10.000 mg/l	48 h	Daphnia magna	-
alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	EC50	7,2 mg/l	48h	Daphnia magna	OECD 201

Micro-/macro organism toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Species	Method / Guideline
alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	EC0	> 100 mg/l	Pseudomonas putida	DIN 38412

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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 information available

12.4. Mobility in soil

Mobility

No information 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

Dispose of as hazardous waste in compliance with local and national regulations.

Packaging

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

Contaminated packaging : Dispose of as unused product.

Waste code	Waste description
20 01 30	detergents other than those mentioned in 20 01 29

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

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SECTION 14: Transport information

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

Not classified as dangerous in the meaning of transport regulations.

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not classified as dangerous in the meaning of transport regulations.

14.5. Environmental hazards

Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

14.6. Special precautions for user

Special precautions for user

Handle in accordance with good industrial hygiene and safety practice.

14.7. Maritime transport in bulk according to IMO instruments

Not classified as dangerous in the meaning of transport regulations.

Other

Not applicable

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SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 648/2004 (detergents)

Ingredients according to Annex VII: < 5 % non-ionic surfactants, anionic surfactants, contains perfumes, BENZYL ALCOHOL, LIMONENE, LINALOOL.

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

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

Substances subject to authorization according to Annex XIV: No

Substance restrictions according to Annex XVII: No

Substances on the REACH candidate list (SVHC): No

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

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.

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

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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

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

Safety data sheets from raw material suppliers REACH registration dossiers

ECHA C&L - Inventory

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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

Physical hazards: The product has been tested for self-sustaining combustion (L.2)

- result: negative.

Phrase meaning

Flam. Liq. 2 - Flammable liquids, hazard category 2

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

Eye Dam. 1 - Serious eye damage, hazard category 1

Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3

Skin Irrit. 2 - Skin irritation, hazard category 2

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

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.