According to Regulation (EC) No 1907/2006

PREMIUM Nº 1 CLASSIC

Version number: 5.1
Issued: 2025-01-07
Replaces SDS: 2021-08-19

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

1.1. Product identifier

Trade name

PREMIUM № 1 CLASSIC

UFI code

1D9R-W85V-KF1Q-HN8X

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

Relevant identified uses

Sanitary 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

Fax
+49 (0) 5223 9970-195

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

Classification according to Regulation (EC) No 1272/2008

Classification

Skin irritation, hazard category 2
Eye irritation, hazard category 2

Hazard statements

H315, H319

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms

Signal word

Warning

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements

P102 Keep out of reach of children.
P264 Wash hands thoroughly after handling.
P302 + P352 IF ON SKIN: Wash with plenty of water/soap.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: 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-phrase M factor acute M factor chronic	Note
Sulphamidic acid	5329-14-6 226-218-8 01-2119488633-28-xxxx 016-026-00-0	5 - <15%	Aquatic Chronic 3, Skin Irrit. 2, Eye Irrit. 2	H315, H319, H412 - -	-

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
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing . Consult a physician if necessary.

Skin contact
In case of contact, immediately flush skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

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. Call a physician immediately.

Ingestion
Do NOT induce vomiting. Drink water. Get medical attention immediately.

Information for doctors
Show this safety data sheet to the doctor in attendance.

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

Inhalation
Inhalation of vapours is irritating to the respiratory system, may cause throat pain and cough.

Skin contact
Causes 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
Water spray, dry powder, foam, carbon dioxide (CO2). 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
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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Wear personal protective equipment. Ensure adequate ventilation, especially in confined areas. 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

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

General hygiene

When using, do not eat, drink or smoke.
Wash hands before breaks and immediately after handling the product.
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

7.3. Specific end use(s)

GISCODE: GS35
See section 1.2: Sanitary cleaner

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
sulphamidic acid (5329-14-6/226-218-8)	DNEL	Chronic (long term) Inhalation	70.5 mg/m³	Workers	Systemic

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
sulphamidic acid (5329-14-6/226-218-8)	PNEC	Marine water	0.18 mg/l
sulphamidic acid (5329-14-6/226-218-8)	PNEC	Sewage Treatment Plant	20 mg/l
sulphamidic acid (5329-14-6/226-218-8)	PNEC	Sediment (marine water)	0.84 mg/kg

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
sulphamidic acid (5329-14-6/226-218-8)	PNEC	Soil	5 mg/kg

8.2. Exposure controls

Appropriate engineering controls
Ensure adequate ventilation, especially in confined areas.

Eye / face protection
Chemical-resistant safety glasses with side protection conforming to EN166.

Hand protection
Chemical-resistant protective gloves (EN 374)
The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

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
Red

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
No data available

Auto-ignition temperature
Not applicable.

Decomposition temperature
Not determined for the mixture.

pH
1

Kinematic viscosity
Not determined for the mixture.

Viscosity, dynamic
Not determined for the mixture.

Solubility
Water soluble

Water solubility
Miscibility

Partition coefficient n-octanol/water
Not determined for the mixture.

Vapour pressure
Not determined for the mixture.

Density and/or relative density
1.07 g/cm³

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 %
< 3 %

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

9.2. Other information
No data available

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 agent, strong acids, strong bases.

10.6. Hazardous decomposition products
For information on combustion products, see Section 5.
Hazardous decomposition products formed under fire conditions.

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.

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals	Method / Guideline	Remarks
sulphamidic acid 5329-14-6 / 226-218-8	LD50	2.140 mg/kg	Oral	rat	-	ECHA

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals	Method / Guideline	Remarks
sulphamidic acid 5329-14-6 / 226-218-8	LD50	> 2.000 mg/kg	Dermal	rat	OECD 402	ECHA

Skin corrosion/irritation
Skin irritation, hazard category 2

Serious eye damage/irritation
Eye irritation, hazard category 2

Respiratory or skin sensitisation
Based on the available data, the classification criteria are not met.

Germ cell mutagenicity
Based on the 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.

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	Method / Guideline	Remark
sulphamidic acid 5329-14-6 / 226-218-8	LC50	70,3 mg/l	96 h	Pimephales promelas	OECD 203	ECHA

Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
sulphamidic acid 5329-14-6 / 226-218-8	LC50	33,8 mg/l	72 h	Desmodesmus subspicatus	OECD 201	ECHA

Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
sulphamidic acid 5329-14-6 / 226-218-8	EC50	71,6 mg/l	48 h	Daphnia magna	OECD 202	ECHA

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

12.4. Mobility in soil

Mobility

No information available

12.5. 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

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 29*	detergents containing hazardous substances

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

Not classified as dangerous in the meaning of transport regulations.

14.3. Transport hazard class(es)

Label

Not classified as dangerous in the meaning of transport regulations.

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

The usual precautionary measures when handling chemicals must be observed.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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. 648/2004 (detergents)
Ingredients according to Annex VII: < 5 % non-ionic surfactants, amphoteric surfactants, contains perfumes, ALPHA-ISOMETHYLIONONE, COUMARIN, BENZYL BENZOATE.

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

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

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 Road
CAS - Chemical Abstract Service
CLP - Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DMEL - Derived Minimum Effect Level
DNEL - Derived No Effect Level
EC50 - Half maximal effective concentration 50%
GHS - Globally Harmonized System of Classification and Labelling of Chemicals
IATA - International Air Transport Association
IMDG - International Maritime Dangerous Goods
LC50 - Lethal concentration 50%
LD50 - Lethal dosis 50 %
MARPOL - International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marpol" - marine pollution)
PBT - Persistent, bioaccumulative and toxic substance
PEC - Predicted Environmental Concentration
PNEC - Predicted No Effect Concentration
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals
RID - The regulations concerning the International Carriage of Dangerous Goods by Rail
SVHC - Substance of Very High Concern
vPvB - Very persistent, very bioaccumulative substance

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
Eye Irrit. 2 - Eye irritation, hazard category 2
Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3
H315 Causes skin irritation.
H319 Causes serious eye irritation.
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.

According to Regulation (EC) No 1907/2006

Premium No 1 classic

Version number: 5.1
Issued: 2025-01-07
Replaces SDS: 2021-08-19

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.