

According to Regulation (EC) No 1907/2006

# Premium No 2

Version number: 6.0  
Issued: 2021-08-24  
Replaces SDS: 2019-08-14



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

### 1.1. Product identifier

**Trade name**

Premium No 2

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

**Relevant identified uses**

Multi purpose 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

Street 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 address**

info@budich.de

### 1.4. Emergency telephone number

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

**Available outside office hours**

Yes

# Premium No 2

Version number: 6.0  
 Issued: 2021-08-24  
 Replaces SDS: 2019-08-14

## 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.

### 2.2. Label elements

#### Precautionary statements

P102 Keep out of reach of children.

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	Note
Citric acid	77-92-9 201-069-1 01-2119457026-42-xxxx -	1 - 6%	Eye Irrit. 2	H319 - -	-
Alcohols, C12-14, ethoxylated	68439-50-9 - 01-2119487984-16-xxxx -	1 - <3%	Acute Tox. 4 - oral, Eye Dam. 1, Aquatic Chronic 3	H302, H318, 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.

# Premium No 2

Version number: 6.0  
Issued: 2021-08-24  
Replaces SDS: 2019-08-14



## **Skin contact**

In case of contact, immediately flush skin with soap and plenty of water. If skin irritation persists, call a physician.

## **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. 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**

#### **Inhalation**

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

#### **Skin contact**

Causes skin irritation.

#### **Eye contact**

Causes eye irritation.

#### **Ingestion**

Nausea, 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**

The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. water spray, extinguishing powder, foam or carbon dioxide.

#### **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.

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighters**

Not required.

# Premium No 2

Version number: 6.0  
Issued: 2021-08-24  
Replaces SDS: 2019-08-14



## **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. Evacuate unaffected personnel from the spill area. Ensure adequate ventilation, especially in confined areas.

### **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.

### **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: 12 (non-flammable liquids)

Store in original container.

Storage temperature: 10°C to 40°C

### **7.3. Specific end use(s)**

GISCODE: GS10

See section 1.2: Multi purpose cleaner

# Premium No 2

Version number: 6.0  
 Issued: 2021-08-24  
 Replaces SDS: 2019-08-14

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
citric acid (77-92-9/201-069-1)	PNEC	Marine water	0.044 mg/l
citric acid (77-92-9/201-069-1)	PNEC	Sewage Treatment Plant	1000 mg/l
citric acid (77-92-9/201-069-1)	PNEC	Sediment (marine water)	3.46 mg/kg
citric acid (77-92-9/201-069-1)	PNEC	Soil	33.1 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 (EN 166)

#### Hand protection

Protective gloves complying with 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

According to Regulation (EC) No 1907/2006

# Premium No 2

Version number: 6.0  
Issued: 2021-08-24  
Replaces SDS: 2019-08-14



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## 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

3

## 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.

According to Regulation (EC) No 1907/2006

# Premium No 2

Version number: 6.0  
Issued: 2021-08-24  
Replaces SDS: 2019-08-14



## **Density and/or relative density**

1.031 g/cm<sup>3</sup>

## **Relative density**

Not determined for the mixture.

## **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 %

## **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.

### **10.4. Conditions to avoid**

Protect from frost, heat and sunlight.

### **10.5. Incompatible materials**

Oxidizing agent  
strong acids and strong bases

### **10.6. Hazardous decomposition products**

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

# Premium No 2

Version number: 6.0  
 Issued: 2021-08-24  
 Replaces SDS: 2019-08-14



## 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	Method / Guideline	Remarks
citric acid 77-92-9 / 201-069-1	LD50	5.400 mg/kg	Oral	mouse	OECD 401	ECHA
citric acid 77-92-9 / 201-069-1	LD50	>2.000 mg/kg	Dermal	rat	OECD 402	ECHA
Alcohols, C12-14, ethoxylated 68439-50-9 /	LD50	<2.000 mg/kg	Oral	rat	-	-

#### 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

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

#### Germ cell mutagenicity

No data available

#### 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.



# Premium No 2

Version number: 6.0  
 Issued: 2021-08-24  
 Replaces SDS: 2019-08-14

**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
citric acid 77-92-9 / 201-069-1	LC50	440 mg/l	48 h	Golden orfe	OECD 203	ECHA

**Acute crustacean toxicity**

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Remark
citric acid 77-92-9 / 201-069-1	LC50	1.535 mg/l	24 h	Daphnia magna (Water flea)	ECHA

**12.2. Persistence and degradability****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.

According to Regulation (EC) No 1907/2006

# Premium No 2

Version number: 6.0  
 Issued: 2021-08-24  
 Replaces SDS: 2019-08-14



## 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

### 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.

## 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	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.

## SECTION 14: Transport information

### 14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

### 14.2. UN 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

Handle in accordance with good industrial hygiene and safety practice.

### 14.7. Maritime transport in bulk according to IMO instruments

No data available

According to Regulation (EC) No 1907/2006

# Premium No 2

Version number: 6.0  
Issued: 2021-08-24  
Replaces SDS: 2019-08-14



## Other

No data available

## 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

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

Adaptation to the amending regulation (EU) 2020/878

# Premium No 2

Version number: 6.0  
Issued: 2021-08-24  
Replaces SDS: 2019-08-14



## **Abbreviations**

ADN - Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
ADR - Accord relatif au transport international des marchandises Dangereuses par Route  
CAS - Chemical Abstract Service  
CLP - Classification, Labelling and Packaging  
DMEL - Derived Minimum Effect Level  
DNEL - Derived no effect level  
EC50 - Half maximal effective concentration 50%  
GHS - Globally Harmonised System  
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  
PBT - Persistent, bioaccumulative and toxic substance  
PEC - Predicted Environmental Concentration  
PNEC - predicted no effect concentration  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID - Reglement concernant le transport international ferroviaire de marchandises Dangereuses  
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**

Eye Irrit. 2 - Eye irritation, 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  
H302 Harmful if swallowed.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

## **Other**

### **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 2

Version number: 6.0  
Issued: 2021-08-24  
Replaces SDS: 2019-08-14



## **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.