

# Gastro Kleen

Version number: 4  
Issued: 2023-03-23  
Replaces SDS: 2020-12-15

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

### 1.1. Product identifier Prod nr: 21070

**Trade name**

Gastro Kleen

**UFI code**

RGAC-MNEV-UF1H-0TQ1

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

**Relevant identified uses**

Professional cleaner for food sales counters and food production areas 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**

Premiere Produkter AS

Austbøsletta 6

4085 Hundvåg

Norway

+47 51 85 83 00

post@premiere-produkter.no

www.premiere-produkter.no

### 1.4. Emergency telephone number

Poison central tlf: (+47) 22 59 13 00

**Available outside office hours** Yes

# Gastro Kleen

Version number: 4  
 Issued: 2023-03-23  
 Replaces SDS: 2020-12-15



KLEEN  
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## 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

The product does not require labelling in accordance with CLP Regulation (EC) No 1272/2008.

### 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
ethanol	64-17-5 200-578-6 01-2119457610-43-xxxx 603-002-00-5	5 - 15%	Flam. Liq. 2, Eye Irrit. 2	H225, H319 - -	-
3-butoxypropan-2-ol	5131-66-8 225-878-4 01-2119475527-28-xxxx 603-052-00-8	1 - 3%	Skin Irrit. 2, Eye Irrit. 2	H315, H319 - -	-

### **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. If symptoms persist, call a physician.

#### **Skin contact**

Wash off with soap and water. If skin irritation or rash occurs, seek medical advice/attention.

#### **Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

# Gastro Kleen

Version number: 4  
Issued: 2023-03-23  
Replaces SDS: 2020-12-15



KLEEN  
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## Ingestion

Clean mouth with water and drink afterwards plenty of water.

## 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

Inhalation of vapours in high concentration may cause irritation of respiratory system.

## Skin contact

May cause skin irritation.

## Eye contact

May cause eye irritation.

## Ingestion

Ingestion may cause gastrointestinal 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

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.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

#### Measures in case of fire

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

# Gastro Kleen

Version number: 4  
Issued: 2023-03-23  
Replaces SDS: 2020-12-15



## 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

Prevent further leakage or spillage.

### 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**

Avoid direct contact with the material / product.

#### **General hygiene**

Wash hands after handling.

When using, do not eat, drink or smoke.

Handle in accordance with good industrial hygiene and safety practice.

### 7.2. Conditions for safe storage, including any incompatibilities

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)

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

Storage temperature: 10°C to 40°C

### 7.3. Specific end use(s)

PC35 - Washing and cleaning products (including solvent based products)

See section 1.2: Professional cleaner for food sales counters and food production areas

# Gastro Kleen

Version number: 4  
 Issued: 2023-03-23  
 Replaces SDS: 2020-12-15



KLEEN  
PURGATIS

## 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 (64-17-5/200-578-6)	DNEL	Chronic (long term) Oral	87 mg/m <sup>3</sup>	Consumers	Systemic
ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Dermal	343 mg/m <sup>3</sup>	Workers	Systemic
ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Inhalation	950 mg/m <sup>3</sup>	Workers	Systemic
3-butoxypropan-2-ol (5131-66-8/225-878-4)	DNEL	Chronic (long term) Oral	12.5 mg/kg	Consumers	Systemic
3-butoxypropan-2-ol (5131-66-8/225-878-4)	DNEL	Chronic (long term) Dermal	52 mg/kg	Workers	Systemic
3-butoxypropan-2-ol (5131-66-8/225-878-4)	DNEL	Chronic (long term) Inhalation	147 mg/m <sup>3</sup>	Workers	Systemic

#### PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
ethanol (64-17-5/200-578-6)	PNEC	Marine water	0.79 mg/l
ethanol (64-17-5/200-578-6)	PNEC	Sediment (marine water)	2.9 mg/kg
ethanol (64-17-5/200-578-6)	PNEC	Soil	0.63 mg/kg
ethanol (64-17-5/200-578-6)	PNEC	Sewage Treatment Plant	580 mg/l
3-butoxypropan-2-ol (5131-66-8/225-878-4)	PNEC	Marine water	0.0525 mg/l
3-butoxypropan-2-ol (5131-66-8/225-878-4)	PNEC	Sewage Treatment Plant	10 mg/l
3-butoxypropan-2-ol (5131-66-8/225-878-4)	PNEC	Soil	0.16 mg/kg dwt

### 8.2. Exposure controls

#### Appropriate engineering controls

Not required because of small size of the container.

# Gastro Kleen

Version number: 4  
Issued: 2023-03-23  
Replaces SDS: 2020-12-15



KLEEN  
PURGATIS

## **Eye / face protection**

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

## **Hand protection**

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

## **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

## **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**

characteristic

#### **Odour threshold**

Not determined for the mixture.

#### **Melting point / freezing point**

No data available

#### **Boiling point or initial boiling point and boiling range**

> 35 °C

#### **Flammability**

Not applicable.

#### **Lower and upper explosion limit**

The product / mixture has no explosive properties.

# Gastro Kleen

Version number: 4  
Issued: 2023-03-23  
Replaces SDS: 2020-12-15



KLEEN  
PURGATIS

## Flash point

≥ 38 °C

## Auto-ignition temperature

No data available

## Decomposition temperature

Not determined for the mixture.

## pH

9

## **Method**

100% (pure product)

## Kinematic viscosity

Not determined for the mixture.

## Viscosity, dynamic

Not determined for the mixture.

## Solubility

No data available

## 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

0.978 g/cm<sup>3</sup>

## 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 %

17 %

# Gastro Kleen

Version number: 4  
 Issued: 2023-03-23  
 Replaces SDS: 2020-12-15



KLEEN  
PURGATIS

## 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

## 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

Keep away from flames and hot surfaces.

### 10.5. Incompatible materials

None known

### 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	Duration of exposure	Test animals	Method / Guideline
ethanol 64-17-5 / 200-578-6	LD50	10.470 mg/kg	Oral	-	rat	OECD 401
ethanol 64-17-5 / 200-578-6	LD50	> 2.000 mg/kg	Dermal	-	rabbit	OECD 402



# Gastro Kleen

Version number: 4  
 Issued: 2023-03-23  
 Replaces SDS: 2020-12-15



KLEEN  
PURGATIS

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
ethanol 64-17-5 / 200-578-6	LC50	> 20 mg/l	Inhalation	4 h	mouse	-
3-butoxy- propan-2-ol 5131-66-8 / 225-878-4	LD50	3.300 mg/kg	Oral	-	rat	-
3-butoxy- propan-2-ol 5131-66-8 / 225-878-4	LD50	>2.000 mg/kg	Skin contact	-	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**

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

### **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.

# Gastro Kleen

Version number: 4  
 Issued: 2023-03-23  
 Replaces SDS: 2020-12-15



KLEEN  
PURGATIS

## 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
ethanol 64-17-5 / 200-578-6	LC50	8.140 mg/l	48 h	Golden orfe
3-butoxypropan-2-ol 5131-66-8 / 225-878-4	LC50	560-1.000 mg/l	96h	Poecilia reticulata (guppy)

#### Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
ethanol 64-17-5 / 200-578-6	EC50	275 mg/l	72 h	Chlorella vulgaris (Fresh water algae)	OECD 201
3-butoxypropan-2-ol 5131-66-8 / 225-878-4	EC50	>1.000 mg/l	96h	Pseudokirchneriella subcapitata	-

#### Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
ethanol 64-17-5 / 200-578-6	EC50	> 10.000 mg/l	48 h	Daphnia magna (Water flea)
3-butoxypropan-2-ol 5131-66-8 / 225-878-4	EC50	>1.000 mg/l	48h	Daphnia magna (Water flea)

# Gastro Kleen

Version number: 4  
 Issued: 2023-03-23  
 Replaces SDS: 2020-12-15



KLEEN  
PURGATIS

## Micro-/macro organism toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
3-butoxypropan-2-ol 5131-66-8 / 225-878-4	EC50	>1.000 mg/l	3h	Bacteria

## 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

### Bioaccumulative potential

No information 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

### 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 29*	detergents containing hazardous substances

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

# Gastro Kleen

Version number: 4  
Issued: 2023-03-23  
Replaces SDS: 2020-12-15



## 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

Not classified as dangerous in the meaning of transport regulations.

### Other

Not applicable

# Gastro Kleen

Version number: 4  
Issued: 2023-03-23  
Replaces SDS: 2020-12-15



## 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: Not applicable

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

Adaptation to the amending regulation (EU) 2020/878

# Gastro Kleen



KLEEN  
PURGATIS

Version number: 4  
 Issued: 2023-03-23  
 Replaces SDS: 2020-12-15

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

## **Phrase meaning**

Flam. Liq. 2 - Flammable liquids, hazard category 2  
 Skin Irrit. 2 - Skin irritation, hazard category 2  
 Eye Irrit. 2 - Eye irritation, hazard category 2  
 H225 Highly flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.

## **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.

# Gastro Kleen

**Version number:** 4  
**Issued:** 2023-03-23  
**Replaces SDS:** 2020-12-15



## **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.