

# Cosy 3 S

Version number: 4.0  
Issued: 2021-10-25  
Replaces SDS: 2017-05-11



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

### 1.1. Product identifier

**Trade name**

Cosy 3 S

**UFI code**

VNKR-4279-G51D-YY9G

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

**Relevant identified uses**

Fabric softener concentrated 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

<https://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

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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.<br>EC No.<br>REACH No.<br>Index No.                   | Concentration | Classification  | H-phrase<br>M factor acute<br>M factor chronic | Note |
|---------------|---|---------------|---|--|------|
| Citric acid   | 77-92-9<br>201-069-1<br>01-2119457026-42-xxxx<br>-            | 1 - 5%        | Eye Irrit. 2  | H319<br>-<br>-                                 | -    |
| Propan-2-ol   | 67-63-0<br>200-661-7<br>01-2119457558-25-xxxx<br>603-117-00-0 | 0.5 - <2%     | Flam. Liq. 2,<br>STOT SE 3 -<br>narcosis, Eye Irrit.<br>2 | H225, H319,<br>H336<br>-<br>-                  | -    |

### 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

First responders: Pay attention to self-protection.

#### Inhalation

If breathed in, move person into fresh air.

#### Skin contact

Rinse with 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.

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## **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**

May cause throat irritation.

### **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**

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.

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

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

Not required.

### **Other**

#### **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.

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## 6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

## 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

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)

See section 1.2: Fabric softener concentrated

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL/DMEL

| Product/Substance name<br>(CAS No./EC No.) | Type | Exposure                          | Value                 | Population | Effects  |
|--|------|-----------------------------------|-----------------------|------------|----------|
| propan-2-ol<br>(67-63-0/200-661-7)         | DNEL | Chronic (long term)<br>Inhalation | 500 mg/m <sup>3</sup> | Workers    | Systemic |
| propan-2-ol<br>(67-63-0/200-661-7)         | DNEL | Chronic (long term)<br>Dermal     | 888 mg/kg             | Workers    | Systemic |

#### PNEC/PEC

| Product/Substance name<br>(CAS No./EC No.) | Type | Environmental compartment | Value      |
|--|------|---------------------------|------------|
| propan-2-ol<br>(67-63-0/200-661-7)         | PNEC | Freshwater                | 140.9 mg/l |
| propan-2-ol<br>(67-63-0/200-661-7)         | PNEC | Marine water              | 140.9 mg/l |
| propan-2-ol<br>(67-63-0/200-661-7)         | PNEC | Sewage Treatment Plant    | 2251 mg/l  |
| propan-2-ol<br>(67-63-0/200-661-7)         | PNEC | Sediment (freshwater)     | 552 mg/kg  |
| propan-2-ol<br>(67-63-0/200-661-7)         | PNEC | Sediment (marine water)   | 552 mg/kg  |
| propan-2-ol<br>(67-63-0/200-661-7)         | PNEC | Soil                      | 28 mg/kg   |
| Citric acid<br>(77-92-9/201-069-1)         | PNEC | Freshwater                | 0.44 mg/l  |
| Citric acid<br>(77-92-9/201-069-1)         | PNEC | Marine water              | 0.044 mg/l |
| Citric acid<br>(77-92-9/201-069-1)         | PNEC | Sewage Treatment Plant    | 1000 mg/l  |
| Citric acid<br>(77-92-9/201-069-1)         | PNEC | Sediment (freshwater)     | 34.6 mg/kg |
| Citric acid<br>(77-92-9/201-069-1)         | PNEC | Sediment (marine water)   | 3.46 mg/kg |
| Citric acid<br>(77-92-9/201-069-1)         | PNEC | Soil                      | 33.1 mg/kg |

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## 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

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

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Physical state

Liquid

#### Colour

blue

#### 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.

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## **Flash point**

No data available

## **Auto-ignition temperature**

Not applicable.

## **Decomposition temperature**

Not determined for the mixture.

## **pH**

2.5

## **Kinematic viscosity**

Not determined for the mixture.

## **Viscosity, dynamic**

20 mPa · s

### **Method**

Haake, 20°C

## **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**

0.997 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 %**

< 3 %

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## 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

/\*to be used after: "Specific hazards:"\*/None known

### 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<br>CAS / EC no. | Dose descriptor | Value / Dose | Exposure route | Duration of exposure | Test animals | Method / Guideline      | Remarks |
|--|-----------------|--------------|----------------|----------------------|--------------|-------------------------|---------|
| propan-2-ol<br>67-63-0 / 200-661-7       | LD50            | 4570 mg/kg   | Oral           | -                    | rat          | -                       | -       |
| propan-2-ol<br>67-63-0 / 200-661-7       | LD50            | 13400 mg/kg  | Dermal         | -                    | rabbit       | -                       | -       |
| propan-2-ol<br>67-63-0 / 200-661-7       | LC50            | 30 mg/l      | Inhalative     | 4 h                  | rat          | -                       | -       |
| Citric acid<br>77-92-9 / 201-069-1       | LD50            | 5.400 mg/kg  | Oral           | -                    | mouse        | OECD test guideline 401 | ECHA    |



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| Product / Substance name CAS / EC no. | Dose descriptor | Value / Dose | Exposure route | Duration of exposure | Test animals | Method / Guideline      | Remarks |
|---------------------------------------|-----------------|--------------|----------------|----------------------|--------------|-------------------------|---------|
| Citric acid<br>77-92-9 / 201-069-1    | LD50            | >2.000 mg/kg | Dermal         | -                    | rat          | OECD test guideline 402 | ECHA    |

**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.

**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**

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| Product / Substance name<br>CAS / EC no. | Measurement type | Value / Result | Duration of exposure | Species     | Method / Guideline      | Remark |
|--|------------------|----------------|----------------------|-------------|-------------------------|--------|
| propan-2-ol<br>67-63-0 / 200-661-7       | LC50             | 8970 mg/l      | 48 h                 | Golden orfe | -                       | -      |
| Citric acid<br>77-92-9 / 201-069-1       | LC50             | 440 mg/l       | 48 h                 | Golden orfe | OECD test guideline 203 | ECHA   |

### Acute algae toxicity

| Product / Substance name<br>CAS / EC no. | Measurement type | Value / Result | Duration of exposure | Species |
|--|------------------|----------------|----------------------|---------|
| propan-2-ol<br>67-63-0 / 200-661-7       | IC50             | > 1000 mg/l    | 72 h                 | algae   |

### Acute crustacean toxicity

| Product / Substance name<br>CAS / EC no. | Measurement type | Value / Result | Duration of exposure | Species                       | Remark |
|--|------------------|----------------|----------------------|-------------------------------|--------|
| propan-2-ol<br>67-63-0 / 200-661-7       | EC50             | > 1000 mg/l    | 24 h                 | Daphnia magna<br>(Water flea) | -      |
| Citric acid<br>77-92-9 / 201-069-1       | LC50             | 1.535 mg/l     | 24 h                 | Daphnia magna<br>(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

### Bioaccumulative potential

| Product / Substance name<br>CAS / EC no. | LogKow / LogPow       |
|--|-----------------------|
| Citric acid<br>77-92-9 / 201-069-1       | -0,2 - -1,8 (log KOW) |

According to Regulation (EC) No 1907/2006

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## 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 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.

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## 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

## 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: 5-15% cationic 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.

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## 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

### 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

According to Regulation (EC) No 1907/2006

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## **Phrase meaning**

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

STOT SE 3 - narcosis - Specific Target Organ Toxicity — Single exposure, hazard category 3 - narcosis

Eye Irrit. 2 - Eye irritation, hazard category 2

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

## **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.

### **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.