

# PureCare maintenance and cleaning agent for Save separation toilet

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

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

### 1.1. Product identifier

**Trade name**

PureCare maintenance and cleaning agent for Save separation toilet

**UFI code**

P86R-GKS2-C07K-D5NM

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

**Relevant identified uses**

Cleaning tab for private users.

**Not suitable for use in**

All other uses are discouraged.

### 1.3. Details of the supplier of the safety data sheet

**Supplier**

Laufen Bathrooms AG

## Address

Wahlenstrasse 46  
4242 Laufen  
Switzerland

## Telephone

+41 (0) 848 112 242

## Email

forum@laufen.ch

## Web site

www.laufen.ch

**Other company**

LAUFEN CZ s.r.o.

## Address

Průmyslová 709/14  
669 02 Znojmo  
Czech Republic

## Telephone

+420 515 204 204

## Email

product.support@cz.laufen.com

## Web site

www.laufen.cz

## PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

**Contact person**

Regulatory Affairs

**Email**

forum@laufen.ch

**1.4. Emergency telephone number**

+49 (0)5223 - 99 70 0

**Available outside office hours**

No

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**Classification according to Regulation (EC) No 1272/2008**Classification**

Eye irritation, hazard category 2

Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation

**Hazard statements**

H319, H335

**2.2. Label elements**Labelling according to Regulation (EC) No 1272/2008**Hazard pictograms****Signal word**

Warning

**Hazard statements**

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P261 Avoid breathing dust.

P264 Wash hands thoroughly after handling.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P337 + P313 If eye irritation persists: Get medical advice/attention.

## PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

**More information**

Hazard components for labeling: citric acid

**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
citric acid	77-92-9 201-069-1 01-2119457026- 42-xxxx -	60 - 75%	Eye Irrit. 2, STOT SE 3 - resp. tract irrit.	H319, H335 - -	ATE [Oral]: 5400 mg/kg bw	-
sodium carbonate	497-19-8 207-838-8 01-2119485498- 19-xxxx 011-005-00-2	5 - 15%	Eye Irrit. 2	H319 - -		
adipic acid	124-04-9 204-673-3 01-2119457561- 38-xxxx 607-144-00-9	5 - 10%	Eye Irrit. 2	H319 - -		
oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block	196823-11-7 677-779-4 - -	>0.5 - <1%	Eye Irrit. 2	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**

Not applicable.

# PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

**Skin contact**

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

**Ingestion**

Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. 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**

Not applicable.

**Skin contact**

Skin irritation

**Eye contact**

Eye irritation

**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 (CO<sub>2</sub>).

**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.

# PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

**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.

**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**

Use mechanical handling equipment. Dispose of as hazardous waste in compliance with local and national regulations.

**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 children. Store in a place accessible by authorized persons only. Keep away from food, drink and animal feeding stuffs. Keep in a dry, cool place.

Storage class according to TRGS 510: 13 (non-combustible solids)

Store in original container.

Storage temperature: 10 °C to 40 °C

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

See section 1.2: Cleaning tab

## PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
sodium carbonate (497-19-8/207-838-8)	DNEL	Chronic (long term) Inhalation	5 mg/m <sup>3</sup>	Consumers	Local
adipic acid (124-04-9/204-673-3)	DNEL	Chronic (long term) Inhalation	13 mg/m <sup>3</sup>	Consumers	Systemic
adipic acid (124-04-9/204-673-3)	DNEL	Chronic (long term) Dermal	7.5 mg/kg	Consumers	Systemic
adipic acid (124-04-9/204-673-3)	DNEL	Chronic (long term) Oral	7.5 mg/kg	Consumers	Systemic

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
citric acid (77-92-9/201-069-1)	PNEC	Freshwater	0.44 mg/l
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 (freshwater)	34.6 mg/kg
citric acid (77-92-9/201-069-1)	PNEC	Soil	33.1 mg/kg
adipic acid (124-04-9/204-673-3)	PNEC	Freshwater	126 µg/l
adipic acid (124-04-9/204-673-3)	PNEC	Marine water	12.6 µg/l
adipic acid (124-04-9/204-673-3)	PNEC	Sediment (freshwater)	474 µg/kg
adipic acid (124-04-9/204-673-3)	PNEC	Soil	0.0208 mg/kg

## 8.2. Exposure controls

Appropriate engineering controls

Not required.

Eye / face protection

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

# PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

**Hand protection**

Chemical-resistant protective gloves (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.

**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**

Tablet

**Colour**

Red

**Odour**

Fresh scent

**Odour threshold**

Not determined for the mixture.

**Melting point / freezing point**

Not applicable.

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

Not applicable.

**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.

## PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

**Decomposition temperature**

Not determined for the mixture.

**pH**

3.3

**Method**

1 % aqueous solution

**Kinematic viscosity**

Not applicable.

**Viscosity, dynamic**

Not applicable.

**Solubility**

Water soluble

**Water solubility**

completely soluble

**Partition coefficient n-octanol/water**

Not determined for the mixture.

**Vapour pressure**

Not applicable.

**Density and/or relative density**

Not determined for the mixture.

**Relative density**

Not determined for the mixture.

**Relative vapour density**

Not applicable.

**Evaporation Rate**

Not applicable.

**Explosive properties**

The product / mixture has no explosive properties.

**Oxidising properties**

The product / mixture has no oxidizing properties.

**VOC %**

&lt; 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

## PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

None under normal use.

## 10.2. Chemical stability

Stable at normal conditions

## 10.3. Possibility of hazardous reactions

None under normal use.

## 10.4. Conditions to avoid

Protect from moisture.

Protect from frost.

## 10.5. Incompatible materials

Oxidizing agents, 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

**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	Duration of exposure	Test animals	Method / Guideline	Remarks
adipic acid 124-04-9 / 204-673-3	LD50	5560 mg/kg	Oral	-	rat	OECD 401	ECHA
adipic acid 124-04-9 / 204-673-3	LC0	>7,7 mg/l	Inhalativ	4h	rat	OECD 403	ECHA
oxirane, methyl-, polymer with oxirane, mono- isotridecyl ether, block 196823-11-7 / 677-779-4	LD50	> 2.000 mg/kg	Oral	-	rat	OECD 423	-

## PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	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
sodium carbonate 497-19-8 / 207-838-8	LD50	>2.000mg/kg	Dermal	-	rabbit	-	-
sodium carbonate 497-19-8 / 207-838-8	LC50	2.300 mg/m <sup>3</sup>	Inhalativ	2h	rat	-	-
sodium carbonate 497-19-8 / 207-838-8	LD50	2.800 mg/kg	Oral	-	rat	-	-

**Skin corrosion/irritation**

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

**Serious eye damage/irritation**

Eye irritation, hazard category 2

Causes serious eye irritation.

**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**

Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation

May cause respiratory irritation.

**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.

## PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

## 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	Leuciscus idus	OECD 203	ECHA
sodium carbonate 497-19-8 / 207-838-8	LC50	300 mg/l	96h	Lepomis macrochirus	-	-
adipic acid 124-04-9 / 204-673-3	LC0	>1.000 mg/l	96h	Danio rerio	-	ECHA
oxirane, methyl-, polymer with oxirane, mono-isotridecyl ether, block 196823-11-7 / 677-779-4	LC50	>1 - 10 mg/l	96h	Brachydanio rerio	OECD 203	-

**Acute algae toxicity**

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
adipic acid 124-04-9 / 204-673-3	ErC50	59 mg/l	72h	Pseudokirchneriella subcapitata	OECD 201	ECHA

## PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

**Acute crustacean 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	1.535 mg/l	24 h	Daphnia magna	-	ECHA
sodium carbonate 497-19-8 / 207-838-8	EC50	200-227 mg/l	48h	Ceriodaphnia dubia	-	-
adipic acid 124-04-9 / 204-673-3	LC50	46 mg/l	48h	Daphnia magna	OECD 202	ECHA

**Micro-/macro organism toxicity**

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block 196823-11-7 / 677-779-4	EC20	>10 - 100 mg/l	30 min	Activated sludge	OECD 209

**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.

# PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

**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**

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)**

**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**

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.

## PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

**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: &lt; 5% non-ionic surfactants, phosphonates, polycarboxylates, contains perfumes.

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 (EC) No. 1272/2008 (CLP)

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.

**15.2. Chemical safety assessment**

The mixture has not been subjected to a safety assessment.

**SECTION 16: Other information****Changes to previous revision**

Change in product identifier (1.1)

## PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

**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  
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  
EWC - 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**

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

# PureCare cleaning agent

Version number: 1.1

Issued: 2025-12-03

Replaces SDS: 2024-09-24

**Phrase meaning**

Eye Irrit. 2 - Eye irritation, hazard category 2

STOT SE 3 - resp. tract irrit. - Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

**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.