

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2024

Version number 5 (replaces version 4)

Revision: 28.01.2022

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

**1.1 Product identifier****Trade name:** SurfacePro Surface Cleaner CA 30 C eco!perform**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Restricted to professional users.

**Application of the substance / the mixture** Surface cleaning**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:****Alfred Kärcher SE & Co. KG**

Alfred-Kärcher-Str. 28-40

D - 71364 Winnenden

Tel.: +49-7195-14-0

**Kärcher (UK) Ltd.**

Kärcher House

Brookhill Way

Banbury

Oxon OX16 3ED

Great Britain

Tel.: +44-1295-752-000

Internet: [www.karcher.com](http://www.karcher.com)**Further information obtainable from:**

Regulatory Affairs

Tel.: +49-7195-14-0

[productsafety.management.de@karcher.com](mailto:productsafety.management.de@karcher.com)**1.4 Emergency telephone number:**

For Hazardous Materials [or Dangerous Goods] Incidents

Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

### SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the GB CLP regulation.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008** Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

(Contd. on page 2)

GB

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2024

Version number 5 (replaces version 4)

Revision: 28.01.2022

**Trade name: SurfacePro Surface Cleaner CA 30 C eco!perform**

(Contd. of page 1)

- **Additional information:**  
Safety data sheet available on request.

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Cleaning agent

#### · **Dangerous components:**

CAS: 57-55-6 EINECS: 200-338-0 Reg.nr.: 01-2119456809-23-xxxx	Propylene glycol substance with a Community workplace exposure limit	1-5%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25-xxxx	propan-2-ol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	1-5%
CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16	sodium lauryl ether sulfate ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 5 % ≤ C < 10 %	≥1-<2.5%

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Rinse with warm water.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing**  
Rinse out mouth and then drink plenty of water.  
If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Hazards** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

(Contd. on page 3)

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2024

Version number 5 (replaces version 4)

Revision: 28.01.2022

**Trade name: SurfacePro Surface Cleaner CA 30 C eco!perform**

(Contd. of page 2)

- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:**
  - Dilute with plenty of water.
  - Do not allow to enter sewers/ surface or ground water.
  - Do not allow to penetrate the ground/soil.
- **6.3 Methods and material for containment and cleaning up:**
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
- **6.4 Reference to other sections**
  - No dangerous substances are released.
  - See Section 7 for information on safe handling
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:**
  - Store away from oxidising agents.
  - Keep away from food, beverages and feed.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

GB

(Contd. on page 4)

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2024

Version number 5 (replaces version 4)

Revision: 28.01.2022

Trade name: SurfacePro Surface Cleaner CA 30 C eco!perform

(Contd. of page 3)

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Ingredients with limit values that require monitoring at the workplace:

##### 57-55-6 Propylene glycol

WEL Long-term value: 474\* 10\*\* mg/m<sup>3</sup>, 150\* ppm  
\*total vapour and particulates \*\*particulates

##### 67-63-0 propan-2-ol

WEL Short-term value: 1250 mg/m<sup>3</sup>, 500 ppm  
Long-term value: 999 mg/m<sup>3</sup>, 400 ppm

#### DNELs

##### 57-55-6 Propylene glycol

Oral	DNEL	85 mg/kg×d (consumer)
Dermal	DNEL	213 mg/kg×d (consumer)
Inhalative	DNEL	168 mg/m <sup>3</sup> (employee) 50 mg/m <sup>3</sup> (consumer)

##### 67-63-0 propan-2-ol

Oral	DNEL	26 mg/kg×d (consumer)
Dermal	DNEL	888 mg/kg×d (employee) 319 mg/kg×d (consumer)
Inhalative	DNEL	500 mg/m <sup>3</sup> (employee) 89 mg/m <sup>3</sup> (consumer)

#### PNECs

##### 57-55-6 Propylene glycol

PNEC 26 mg/l (marine water)  
2000 mg/l (STP)

##### 67-63-0 propan-2-ol

PNEC	140.9 mg/l (freshwater) 140.9 mg/l (marine water) 140.9 mg/l (STP) 2251 mg/l (STP)
PNEC sediment	552 mg/kg (freshwater) 552 mg/kg (marine water)
PNEC soil	28 mg/kg (soil)

#### 8.2 Exposure controls

- Appropriate engineering controls** No further data; see section 7.
- Individual protection measures, such as personal protective equipment**
- General protective and hygienic measures** Wash hands before breaks and at the end of work.
- Respiratory protection:** Not necessary if room is well-ventilated.
- Hand protection**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

(Contd. on page 5)

GB

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2024

Version number 5 (replaces version 4)

Revision: 28.01.2022

**Trade name: SurfacePro Surface Cleaner CA 30 C eco!perform**

(Contd. of page 4)

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material Not required.

For the permanent contact gloves made of the following materials are suitable:

\* butyl rubber 0,7 mm, 480 min (EN 374)

As protection from splashes gloves made of the following materials are suitable:

\* nitril rubber 0,4 mm, 30 min (EN 374)

Eye/face protection Goggles recommended during refilling.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

Physical state

Fluid

Colour:

Blue

Odour:

citrus-like

Odour threshold:

Not determined.

Melting point/freezing point:

-3 °C

Boiling point or initial boiling point and boiling range

100 °C

Flammability

Not applicable.

Lower and upper explosion limit

Lower:

Not determined.

Upper:

Not determined.

Flash point:

54 °C (Closed Cup)

Does not support combustion (No. 32.5.2 UN MTC, Method L.2).

Auto-ignition temperature:

not applicable

Decomposition temperature:

Not determined.

pH at 20 °C

11.2

pH-value 1 %:

7-8

Viscosity:

Kinematic viscosity

Not determined.

dynamic:

Not determined.

Solubility

Water:

Fully miscible

Partition coefficient n-octanol/water (log value)

Not determined.

Vapour pressure:

Not determined.

Density and/or relative density

Density at 20 °C:

1 g/cm<sup>3</sup>

Relative density

Not determined.

Vapour density

Not determined.

Relative gas density

Not determined.

(Contd. on page 6)

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2024

Version number 5 (replaces version 4)

Revision: 28.01.2022

**Trade name: SurfacePro Surface Cleaner CA 30 C eco!perform**

(Contd. of page 5)

· Particle characteristics	Not applicable.
· <b>9.2 Other information</b>	
· <b>Appearance:</b>	
· <b>Form:</b>	Fluid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not determined.
· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** corresponds to 10.3
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

GB

(Contd. on page 7)

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2024

Version number 5 (replaces version 4)

Revision: 28.01.2022

Trade name: SurfacePro Surface Cleaner CA 30 C eco!perform

(Contd. of page 6)

### SECTION 11: Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

#### LD/LC50 values relevant for classification:

##### 57-55-6 Propylene glycol

Oral	LD50	22000 mg/kg (Rat)
------	------	-------------------

##### 67-63-0 propan-2-ol

Oral	LD50	5840 mg/kg (Rat) (OECD 401)
------	------	-----------------------------

Dermal	LD50	13900 mg/kg (Rabbit) (OECD 402)
--------	------	---------------------------------

##### 68891-38-3 sodium lauryl ether sulfate

Oral	LD50	4100 mg/kg (Rat)
------	------	------------------

Dermal	LD50	>2000 mg/kg (Rat)
--------	------	-------------------

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

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

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

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

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

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

#### 11.2 Information on other hazards

#### Endocrine disrupting properties

None of the ingredients is listed.

### SECTION 12: Ecological information

#### 12.1 Toxicity

#### Aquatic toxicity:

##### 57-55-6 Propylene glycol

LC50/96 h	40613 mg/l (Oncorhynchus mykiss)
-----------	----------------------------------

##### 67-63-0 propan-2-ol

LC50/96 h	9640 mg/l (Pimephales promelas)
-----------	---------------------------------

EC50/48 h	13299 mg/l (Daphnia magna)
-----------	----------------------------

EC50/72 h	>1000 mg/l (Desmodesmus subspicatus)
-----------	--------------------------------------

EC10/18 h	>1000 mg/l (Pseudomonas putida) (DIN 38412)
-----------	---

##### 68891-38-3 sodium lauryl ether sulfate

LC50/96 h	7.1 mg/l (fish)
-----------	-----------------

EC50/48 h	7.2 mg/l (Daphnia magna)
-----------	--------------------------

(Contd. on page 8)

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2024

Version number 5 (replaces version 4)

Revision: 28.01.2022

**Trade name: SurfacePro Surface Cleaner CA 30 C eco!perform**

(Contd. of page 7)

EC50/96 h	7.5 mg/l (Algae)
NOEC	0.27 mg/l /21 d (Daphnia magna)

- **12.2 Persistence and degradability** The contained surfactants are biodegradable
- **Other information:** The product is biodegradable.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **COD-value:** 234.000 mg/l
- **General notes:**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

The product does not contain organically bounded halogens (AOX-free).

The product does not contain organic complexing agents.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Must be specially treated adhering to official regulations.

#### European waste catalogue

20 01 30	detergents other than those mentioned in 20 01 29
----------	---

- **Uncleaned packaging:**
- **Recommendation:**  
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

(Contd. on page 9)



## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2024

Version number 5 (replaces version 4)

Revision: 28.01.2022

**Trade name: SurfacePro Surface Cleaner CA 30 C eco!perform**

(Contd. of page 8)

· **Recommended cleansing agents:** Water, if necessary together with cleaning agents.

### SECTION 14: Transport information

· **14.1 UN number or ID number**

· ADR, ADN, IMDG, IATA

Void

· **14.2 UN proper shipping name**

· ADR, ADN, IMDG, IATA

Void

· **14.3 Transport hazard class(es)**

· ADR, ADN, IMDG, IATA

· Class

Void

· **14.4 Packing group**

· ADR, IMDG, IATA

Void

· **14.5 Environmental hazards:**

· **Marine pollutant:**

No

· **14.6 Special precautions for user**

Not applicable.

· **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

· **UN "Model Regulation":**

Void

### SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **National regulations**

· **Information about limitation of use:** Employment restrictions concerning juveniles must be observed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.  
A product information sheet can be provided if requested.

· **Relevant phrases**

H225 Highly flammable liquid and vapour.

(Contd. on page 10)

GB

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2024

Version number 5 (replaces version 4)

Revision: 28.01.2022

**Trade name: SurfacePro Surface Cleaner CA 30 C eco!perform***(Contd. of page 9)*

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.

**Contact:**

Regulatory Affairs  
Tel.: +49-7195-14-0  
productsafety.management.de@karcher.com

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
DNEL: Derived No-Effect Level (UK REACH)  
PNEC: Predicted No-Effect Concentration (UK REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Flam. Liq. 2: Flammable liquids – Category 2  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**\* Data compared to the previous version altered.**

· 0-011-319-0 CA 30 C/5 2-531