

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

## Glass Cleaner

Creation date 24th July 2026 Version 5.0

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

- 1.1. Product identifier** Glass Cleaner  
Substance / mixture mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**

#### Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

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

#### Manufacturer

Name or trade name CleanTech Company Sp. z o.o.  
Address ul. Ujastek 11, Kraków, 31-752  
Poland  
VAT number PL6783167037  
Phone 733966833  
Email kontakt@cleantle.com

#### Competent person responsible for the safety data sheet

Name CleanTech Company Sp. z o.o.  
Email kontakt@cleantle.com

- 1.4. Emergency telephone number**  
European emergency number: 112

### SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

### 2.2. Label elements

#### Signal word

none

#### Supplemental information

<5 % anionic surfactants, perfumes

### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended. Does not contain any PMT or vPvM components.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

| Identification numbers                                                                           | Substance name | Content in % weight | Classification according to Regulation (EC) No 1272/2008                                                  | Note |
|--------------------------------------------------------------------------------------------------|----------------|---------------------|-----------------------------------------------------------------------------------------------------------|------|
| Index: 603-002-00-5<br>CAS: 64-17-5<br>EC: 200-578-6<br>Registration number:<br>01-2119457610-43 | ethanol        | <11                 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>Specific concentration limit:<br>Eye Irrit. 2, H319: C ≥ 50 % |      |

Full text of all classifications and hazard statements is given in the section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

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### If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

### If on skin

Remove contaminated clothes.

### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

### If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

#### 4.2. Most important symptoms and effects, both acute and delayed

##### If inhaled

Not expected.

##### If on skin

Not expected.

##### If in eyes

Not expected.

##### If swallowed

Not expected.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Accommodate extinguishing components to the location of fire.

##### Unsuitable extinguishing media

not available

#### 5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Use a self-contained breathing apparatus and full-body protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Follow the instructions in the Sections 7 and 8.

#### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

#### 6.3. Methods and material for containment and cleaning up

After removal of the product, wash the contaminated site with plenty of water.

#### 6.4. Reference to other sections

See the Section 7, 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

| Content | Packaging type | Material of package |
|---------|----------------|---------------------|
| 0,5 l   | bottle         | HDPE                |
| 1 l     | bottle         | HDPE                |
| 5 l     | jerry can      | HDPE                |

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### 7.3. Specific end use(s)

not available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

### 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

It is not needed.

#### Skin protection

When handling in long-term or repeatedly, use protective gloves.

#### Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

#### Thermal hazard

Data not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

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

|                                                          |                            |
|----------------------------------------------------------|----------------------------|
| Physical state                                           | liquid                     |
| Colour                                                   | data not available         |
| Odour                                                    | data not available         |
| Melting point/freezing point                             | data not available         |
| Boiling point or initial boiling point and boiling range | data not available         |
| ethanol (CAS: 64-17-5)                                   | -114 °C                    |
| Flammability                                             | data not available         |
| Lower and upper explosion limit                          | data not available         |
| Flash point                                              | data not available         |
| ethanol (CAS: 64-17-5)                                   | >17 °C                     |
| Auto-ignition temperature                                | data not available         |
| Decomposition temperature                                | data not available         |
| pH                                                       | 6.5-7.5 (undiluted)        |
| ethanol (CAS: 64-17-5)                                   | 7 (>80% solution at 20 °C) |
| Kinematic viscosity                                      | data not available         |
| Solubility in water                                      | data not available         |
| Partition coefficient n-octanol/water (log value)        | data not available         |
| Vapour pressure                                          | data not available         |
| Density and/or relative density                          | data not available         |
| Relative vapour density                                  | data not available         |
| Particle characteristics                                 | data not available         |

### 9.2. Other information

not available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

not available

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

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### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## SECTION 11: Toxicological information

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

Hazardous substances in concentrations exceeding exposure limits may cause acute inhalation poisoning, depending on the concentration and duration of exposure. No toxicological data is available for the mixture.

#### Acute toxicity

Based on available data the classification criteria are not met.

| ethanol            |                  |            |               |         |     |
|--------------------|------------------|------------|---------------|---------|-----|
| Route of exposure  | Parameter        | Value      | Exposure time | Species | Sex |
| Inhalation (vapor) | LC <sub>50</sub> | 124.7 mg/l | 4 hours       | Rat     |     |
| Inhalation (vapor) | LC <sub>50</sub> | 116.9 mg/l | 4 hours       | Rat     |     |
| Inhalation (vapor) | LC <sub>50</sub> | 133.8 mg/l | 4 hours       | 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.

| ethanol           |            |               |         |
|-------------------|------------|---------------|---------|
| Route of exposure | Result     | Exposure time | Species |
|                   | Irritating |               | Rabbit  |

#### 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.

| ethanol           |           |       |               |         |     |
|-------------------|-----------|-------|---------------|---------|-----|
| Route of exposure | Parameter | Value | Result        | Species | Sex |
| Oral              |           |       | Indeterminate | Rat     |     |

#### Reproductive toxicity

Based on available data the classification criteria are not met.

| ethanol              |           |                |               |         |     |
|----------------------|-----------|----------------|---------------|---------|-----|
| Effect               | Parameter | Value          | Result        | Species | Sex |
| Effects on fertility | NOAEL     | >16000 ppm     | No effect     | Rat     |     |
|                      | NOAEL     | 5200 mg/kg/24h | Indeterminate | Rat     |     |

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### Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

| ethanol           |           |          |               |                       |                       |         |     |
|-------------------|-----------|----------|---------------|-----------------------|-----------------------|---------|-----|
| Route of exposure | Parameter | Value    | Exposure time | Specific target organ | Result                | Species | Sex |
| Inhalation        | LOAEL     | 2.6 mg/l | 30 minutes    | Nervous system        | Drowsiness, Dizziness | Human   |     |
| Inhalation        | LOAEL     | 9.4 mg/l |               | Lungs                 | Indeterminate         | Human   |     |

### Toxicity for specific target organ - 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

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption for humans.

### Other information

not available

## SECTION 12: Ecological information

### 12.1. Toxicity

not available

#### Acute toxicity

| ethanol          |             |               |         |             |                     |
|------------------|-------------|---------------|---------|-------------|---------------------|
| Parameter        | Value       | Exposure time | Species | Environment | Value determination |
| EC <sub>0</sub>  | 3.9 g/l     | 200 hours     | Fish    |             | Experimentally      |
| EC <sub>50</sub> | >10000 mg/l | 48 hours      | Daphnia |             | Experimentally      |
| IC <sub>50</sub> | 8800 mg/l   | 96 hours      | Algae   |             | Experimentally      |

#### Chronic toxicity

| ethanol          |           |               |                            |             |                     |
|------------------|-----------|---------------|----------------------------|-------------|---------------------|
| Parameter        | Value     | Exposure time | Species                    | Environment | Value determination |
| LC <sub>50</sub> | 9248 mg/l | 48 hours      | Invertebrates              |             | Experimentally      |
| NOEC             | 250 mg/l  | 120 hours     | Fish (Oncorhynchus mykiss) |             | Experimentally      |
| NOEC             | 1000 mg/l | 120 hours     | Fish                       |             | Experimentally      |

### 12.2. Persistence and degradability

The product is easily biodegradable.

### 12.3. Bioaccumulative potential

Data not available.

### 12.4. Mobility in soil

Data not available.

### 12.5. Results of PBT and vPvB assessment

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PBT or vPvB components.

### 12.6. Endocrine disrupting properties

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Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption in the environment.

### 12.7. Other adverse effects

Data not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Perfectly cleaned containers can be submitted for recycling.

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

## SECTION 14: Transport information

### 14.1. UN number or ID number

not subject to transport regulations

### 14.2. UN proper shipping name

not relevant

### 14.3. Transport hazard class(es)

not relevant

### 14.4. Packing group

not relevant

### 14.5. Environmental hazards

not relevant

### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not relevant

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2. Chemical safety assessment

not available

## SECTION 16: Other information

#### A list of standard risk phrases used in the safety data sheet

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

#### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

#### Key to abbreviations and acronyms used in the safety data sheet

ADR Agreement concerning the international carriage of dangerous goods by road

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|                     |                                                                                                   |
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| BCF                 | Bioconcentration Factor                                                                           |
| CAS                 | Chemical Abstracts Service                                                                        |
| CLP                 | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures |
| EC                  | Identification code for each substance listed in EINECS                                           |
| EC <sub>0</sub>     | Concentration of a substance when it is affected 0 % of the population                            |
| EC <sub>50</sub>    | Concentration of a substance when it is affected 50 % of the population                           |
| EINECS              | European Inventory of Existing Commercial Chemical Substances                                     |
| EmS                 | Emergency Response Procedures for Ships Carrying Dangerous Goods                                  |
| EU                  | European Union                                                                                    |
| EuPCS               | European Product Categorisation System                                                            |
| Eye Irrit.          | Eye irritation                                                                                    |
| Flam. Liq.          | Flammable liquid                                                                                  |
| IATA                | International Air Transport Association                                                           |
| IBC                 | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals       |
| IC <sub>50</sub>    | Concentration causing 50% blockade                                                                |
| ICAO                | International Civil Aviation Organization                                                         |
| IMDG                | International Maritime Dangerous Goods                                                            |
| IMO                 | International Maritime Organization                                                               |
| INCI                | International Nomenclature of Cosmetic Ingredients                                                |
| ISO                 | International Organization for Standardization                                                    |
| IUPAC               | International Union of Pure and Applied Chemistry                                                 |
| LC <sub>50</sub>    | Lethal concentration of a substance in which it can be expected death of 50% of the population    |
| LOAEL               | Lowest observed adverse effect level                                                              |
| log K <sub>ow</sub> | Octanol-water partition coefficient                                                               |
| NOAEL               | No observed adverse effect level                                                                  |
| NOEC                | No observed effect concentration                                                                  |
| OEL                 | Occupational Exposure Limits                                                                      |
| PBT                 | Persistent, bioaccumulative and toxic                                                             |
| PMT                 | Persistent, mobile and toxic                                                                      |
| ppm                 | Parts per million                                                                                 |
| REACH               | Registration, Evaluation, Authorisation and Restriction of Chemicals                              |
| RID                 | Regulation concerning the International Carriage of Dangerous Goods by Rail                       |
| UN number           | Four-figure identification number of the substance or article taken from the UN Model Regulations |
| UVCB                | Substances of unknown or variable composition, complex reaction products or biological materials  |
| VOC                 | Volatile organic compounds                                                                        |
| vPvB                | Very persistent and very bioaccumulative                                                          |
| vPvM                | Very persistent and very mobile                                                                   |

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### The changes (which information has been added, deleted or modified)

The version 5.0 replaces the SDS version from Monday, 8 June 2026. Changes were made in sections 2 and 16.

### More information

Classification procedure - calculation method.

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### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.