



# Material Safety Data Sheet

according to Regulation No.1907/2006/EC  
Release Date: 07.02.2020

Update: 1.0 /EN

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

### 1.1. Product identifier

Product name Gallus Professional glass cleaner

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

#### 1.2.1. Relevant identified uses

Specialized cleaner for cleaning glass, mirrors and other glass surfaces.

#### 1.2.2. Uses advised against

All other than those mentioned above.

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

#### Supplier:

EUDUCO KBC GROUP SP. Z O.O. SP. KOM.  
Ul. Lwowska 160,  
37-700 Przemyśl

#### Manufacturer:

Madonis Sp. z o.o.  
Bolesławiecka 15A, 98-400 Wieruszów  
Tel./ Fax: +48 62 78 32 000 e-mail: madonis@madonis.pl

### 1.4. Emergency telephone number

|                                      |  |
|--------------------------------------|--|
| Manufacturer                         | +48 62 78 32 000 (7 <sup>00</sup> - 15 <sup>00</sup> ) |
| General emergency telephone (Poland) | 112  |
| Fire brigade (Poland)                | 998  |
| Emergency medical service (Poland)   | 999  |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

This product does not meet the criteria for classification in any hazard class in accordance with Regulation (EC) No. 1272/2008 on classification, labeling and packaging of substances and mixtures.

### 2.2. Label elements

Labelling (REGULATION (EC) No 1272/2008)

|   |                                |
|---|--------------------------------|
| Hazard pictograms                           | Not applicable                 |
| Signal word                                 |                                |
| Hazard-determining components of labelling: | Not applicable                 |
| Hazard Statements                           | Not applicable                 |
| Precautionary statements:                   |                                |
| P102  | Keep out of reach of children. |
| Supplemental information                    | Not applicable                 |
| Tactile warnings                            | Not applicable                 |
| Child-resistant fastenings                  | Not applicable                 |

### 2.3. Other hazards

Results of PBT and vPvB assessment: This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT). This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixtures

| Substance Name | Amount [%] | Product identifiers  | Classification (REGULATION (EC) No 1272/2008)]              |
|----------------|------------|--|---|
| Propan-2-ol    | < 4 %      | CAS No: 67-63-0<br>EC No: 200-661-7<br>EC index No: 603-117-00-0 | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336 |

For the full text of the H-Statements mentioned in this Section, see Section 16.

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

|   |   |
|---|---|
| General advice:                                       | Move the victim to fresh air. If any alarming symptoms occur, call a physician immediately or take the patient to the hospital, show the preparation packaging or label.                        |
| After inhalation:                                     | Move to fresh air. Consult a physician after significant exposure. Artificial respiration and/or oxygen may be necessary.   |
| After skin contact:                                   | Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions see a physician.                 |
| After eye contact:                                    | If easy to do, remove contact lens, if worn. Hold eye open and rinse slowly and gently with water for 15 minutes. If eye irritation persists, consult a specialist.                             |
| After swallowing: If symptoms persist consult doctor. | DO NOT induce vomiting unless directed to do so by a physician or poison control center. Call a physician or poison control centre immediately. If victim is conscious: Rinse mouth with water. |

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

No further relevant information available.

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

No further relevant information available.

The decision about how to proceed is made by the doctor after assessing the condition of the victim.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing agents: CO<sub>2</sub>, sand, extinguishing powder.

For safety reasons unsuitable extinguishing agents: Do not use a heavy water stream.

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

Hazardous combustion products. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Unusual Fire & Explosion Hazards. Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back. Specific hazards. Vapours may form explosive air mixtures even at room temperature. Vapours are heavier than air and may travel along the floor and in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.

### 5.3. Advice for firefighters

Special Fire Fighting Procedures. Avoid breathing fire vapours. Keep up-wind to avoid fumes. Be aware of risk of fire re-starting, and risk of explosion. Cool containers exposed to flames with water until well after the fire is out. Use water SPRAY only to cool containers! Do not put water on leaked material. Protective equipment for fire-fighters. Leave danger zone immediately.

## SECTION 6: Accidental release measures

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

Wear protective clothing as described in Section 8 of this safety data sheet. In case of inadequate ventilation, use respiratory protection. Take precautionary measures against static discharges. Do not smoke, use open fire or other sources of ignition. Do not breathe vapour. Avoid contact with skin and eyes. In case of spills, beware of slippery floors and surfaces.

### 6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. Prevent entry into drains. Avoid discharge to the aquatic environment.

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

#### Methods for cleaning up

Clean-up methods - small spillage Soak up with inert absorbent material. Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean-up methods - large spillage Prevent further leakage or spillage. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Large spills should be collected mechanically (remove by pumping) for disposal. Collect leaking liquid in sealable (metal/plastic) containers. Collect and contain contaminated absorbent and dike material for disposal.

#### Other information

Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

### 6.4. Reference to other sections

For personal protection: see section 8.

For disposal instructions: see section 13.

## 7. SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Eliminate all sources of ignition. Keep away from heat, sparks and open flame. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented. Do not eat, drink or smoke when using the product. Avoid inhalation of vapours/spray and contact with skin and eyes. Observe good chemical hygiene practices. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Mechanical ventilation or local exhaust ventilation may be required.

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

Flammable/combustible - Keep away from oxidisers, heat and flames. Keep containers tightly closed.Storage Class:Flammable liquid storage.

## 7.3. Specific end use(s)

Detergent.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Propan-2-ol

|       |                            |      |                                |
|-------|----------------------------|------|--------------------------------|
| Poand | NDS (mg/m <sup>3</sup> )   | 900  | Dz.U.2014.817 z późn. zmianami |
|       | NDSCh (mg/m <sup>3</sup> ) | 1200 | Dz.U.2014.817 z późn. zmianami |
|       |                            |      |                                |

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Use sufficient ventilation to keep employee exposure below recommended limits. Personal protection measures, such as personal protective equipment Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### 8.2.2. Individual protection measures, such as personal protective equipment

Eye / face protection

Wear approved, tight fitting safety glasses where splashing is probable.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Body protection

Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.

Respiratory protection

If ventilation is insufficient, suitable respiratory protection must be provided. Check that mask fits tight and change filter regularly. Use respiratory equipment with gas filter, type AX.

#### 8.2.3. Environmental exposure controls

Do not allow to spread in the environment and enter sewers and watercourses.

## SECTION 9: Physical and chemical properties

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

|   |                                |
|---|--------------------------------|
| a) Appearance                                   | Clear blue or green liquid     |
| b) Odour  | Citrus, grapefruit             |
| c) Odour threshold                              | No data                        |
| d) pH   | 8,2 +/-0,5                     |
| e) Melting point/freezing point                 | No data                        |
| f) Initial boiling point and boiling range      | No data                        |
| g) Flash point                                  | No data                        |
| h) Evaporation rate                             | No data                        |
| i) Flammability (solid, gas)                    | No data                        |
| j) Upper/lower flammability or explosive limits | No data                        |
| k) Vapour pressure                              | No data                        |
| l) Vapour density                               | No data                        |
| m) Relative density                             | 0,9 +/- 0,05 g/cm <sup>3</sup> |
| n) Solubility(ies)                              | Water-soluble                  |
| o) Partition coefficient: n-octanol/water       | No data                        |
| p) Auto-ignition temperature                    | No data                        |
| q) Decomposition temperature                    | No data                        |
| r) Viscosity                                    | No data                        |
| s) Explosive properties                         | No                             |
| t) Oxidising properties                         | No                             |

### 9.2. Other information

No additional information.

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

No information available.

## 10.2. Chemical stability

The product is stable under normal handling and storage conditions.

## 10.3. Possibility of hazardous reactions

No information available.

## 10.4. Conditions to avoid

No information available.

## 10.5. Incompatible materials

Materials To Avoid. Strong oxidising substances.

## 10.6. Hazardous decomposition products

None at ambient temperatures. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## 11. SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                      |   |
|--------------------------------------|---|
| a) Acute toxicity                    | Oral: no.<br>Inhalation: no.<br>Dermal: no.                       |
| b) Skin corrosion/irritation         | Based on available data, the classification criteria are not met. |
| c) Serious eye damage/irritation     | Based on available data, the classification criteria are not met. |
| d) Respiratory or skin sensitisation | Based on available data, the classification criteria are not met. |
| e) Germ cell mutagenicity            | Based on available data, the classification criteria are not met. |
| f) Carcinogenicity                   | Based on available data, the classification criteria are not met. |
| g) reproductive toxicity             | Based on available data, the classification criteria are not met. |
| h) STOT-single exposure              | Based on available data, the classification criteria are not met. |
| i) STOT-repeated exposure            | Based on available data, the classification criteria are not met. |
| j) aspiration hazard                 | Based on available data, the classification criteria are not met. |

## SECTION 12: Ecological information

### 12.1. Toxicity

The product is not expected to be hazardous to the environment.

### 12.2. Persistence and degradability

All organic ingredients are biodegradable when well diluted.

### 12.3. Bioaccumulative potentia

Not expected to bioaccumulate.

### 12.4. Mobility in soil

This product has high water solubility.

### 12.5. Results of PBT and vPvB assessment

Contains no ingredients classified as PBT or vPvB.

### 12.6. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Products

Do not pour into drains or waterways. Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### Contaminated packaging

Do not pour into drains or waterways. Do not contaminate the ground or water with waste, do not dispose of waste into the environment. Disposal should be in accordance with applicable regional, national and local laws and regulations. Empty cleaned containers can be recycled where facilities exist or sent for landfill or incineration where permitted. Dispose of surplus product and packaging via a licenced chemical waste contractor.

## SECTION 14: Transport information

| ADR   | IMDG | IATA | ADN | RID |
|---|------|------|-----|-----|
| <b>14.1. UN number</b>  |      |      |     |     |
| Not applicable.   |      |      |     |     |
| <b>14.2. UN proper shipping name</b>  |      |      |     |     |
| Not applicable.   |      |      |     |     |
| <b>14.3. Transport hazard class(es)</b>   |      |      |     |     |
| Not applicable.   |      |      |     |     |
| <b>14.4. Packing group</b>  |      |      |     |     |
| Not applicable.   |      |      |     |     |
| <b>14.5. Environmental hazards</b>  |      |      |     |     |
| Not applicable.   |      |      |     |     |
| <b>14.6. Special precautions for user</b>                                       |      |      |     |     |
| Not applicable.   |      |      |     |     |
| <b>14.7. Transport in bulk according to Annex II of Marpol and the IBC Code</b> |      |      |     |     |
| Not applicable.   |      |      |     |     |

## SECTION 15: Regulatory information

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

Labelling according to Regulation (EC) No 1272/2008.

Contents according to Regulation (EC) No. 648/2004 on detergents. The surfactant(s) contained in this preparation comply with the biodegradability criteria 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.

### 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.

### Relevant phrases

|      |                                     |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H302 | Harmful if swallowed.               |
| H312 | Harmful in contact with skin.       |
| H315 | Causes skin irritation.             |
| H319 | Causes serious eye irritation.      |
| H332 | Harmful if inhaled                  |

### Abbreviations and acronyms:

|                           |  |
|---------------------------|--|
| Flam. Liq. 2              | Flammable liquid – category 2  |
| Acute Tox. 4 (Dermal)     | Acute toxicity (dermal), category 4                                    |
| Acute Tox. 4 (Oral)       | Acute toxicity (oral), category 4                                      |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), category 4                                    |
| Skin Irrit. 2             | Skin corrosion/irritation, category 2                                  |
| Eye Irrit. 2              | Serious eye damage/eye irritation – category 2                         |
| EC number                 | European Inventory of Existing Commercial Chemical Substances          |
| CAS                       | Chemical Abstracts Service (division of the American Chemical Society) |
| PBT                       | Persistent, Bioaccumulative and Toxic                                  |
| vPvB                      | Very Persistent and very Bioaccumulative                               |
| LD <sub>50</sub>          | Lethal Dose to 50% of a test population (Median Lethal Dose)           |
| LC <sub>50</sub>          | Lethal Concentration to 50 % of a test population                      |
| NDS                       | The highest acceptable concentration                                   |
| NDSch                     | The highest permissible instant concentration                          |



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|      |   |
|------|---|
| DNEL | Derived No Effect Level   |
| PNEC | Predicted No Effect Concentration   |
| ADR  | Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) |
| IATA | International Air Transport Association   |
| IMDG | International Maritime Code for Dangerous Goods   |
| ADN  | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
| RID  | Regulations concerning the International Carriage of Dangerous Goods by Rail  |