

Safety data sheet
according Regulation 1907/2006/EC, and Annex II Regulation
830/2015/EC

Printing date (issue and revision in paragraph 16): 18.02.2016

Program ChemGes - Update: 17.09.2014

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

· 1.1 Product identifier

· **Trade name:** CLEAMEN 301/401 freshener – odour neutralizer

· **Article number:** VC301XXXX99-CLP

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

Liquid odor neutralizer and sanitary freshener. A highly concentrated product designed for neutralizing odours and enhancing fragrance in the air or of a diluted solution. It neutralizes odours in textile materials and also the air. Do not spray on an open flame! The product contains volatile and flammable substances.

· Sector of Use

The product effectively disintegrates odours and leaves a pleasant fresh fragrance. It is designed particularly for sanitary and washroom areas. When it applied with a sprayer, the product does not stain the furniture and textiles and leaves a long lasting fragrance. When using the product in a washing solution, it does not leave any oil stains behind and increases the perfume effects of the washing solution.

· Application of the substance / the mixture

Apply by means of a sprayer into the air. We recommend using a pressurized diffuser for larger areas. Can also be added to the bucket during manual cleaning with a mop and a hand cart or a bucket.

· 1.3 Details of the supplier of the safety data sheet

· **Manufacturer/Supplier:**

CORMEN s.r.o.
 Prumyslova 1420
 593 01 Bystrice nad Pernštejnem
 CZECH REPUBLIC
 tel.: +420 566 550 961, fax: +420 566 551 822
 info@cormen.cz

· **Further information obtainable from:** Product safety department

· **1.4 Emergency telephone number:** During normal opening times: +420 777 539 001

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H336 May cause drowsiness or dizziness.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

· 2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS02



GHS07

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- **Signal word** *Danger*
- **Hazard-determining components of labelling:**
propan-2-ol
Parfum P10
- **Hazard statements**
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273 Avoid release to the environment.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P501 Dispose of contents/container in accordance with national regulations.
- **Additional information:**
Restricted to professional users.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
Classification under the Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents.
The product contains this substances:
>30% water, isopropyl alcohol, <5% Parfum, Eugenol, Hexyl Cinnamal, Limonene, Linalool, Butylphenyl Methylpropional, Alpha-Isomethyl ionone.
- **Description:**
Cleaner - a mixture of substances, which are classified according Regulation of the European Parliament and of the Council (EC) No 1272/2008, as amended.
Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 67-63-0 EINECS: 200-661-7 Reg. REACH: 01-2119457558-25-XXXX	propan-2-ol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	40 - 60%
	Parfum P10 ⚠ Repr. 2, H361; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	2.5 - <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**
- **General information:**
The products should be handled only by following the instructions on the package. In the event that the apparent health problems or in case of doubt, please call a doctor immediately and show him this Material Safety Data Sheet.

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In case of unconsciousness place patient immediately into the recovery position, with the head slightly tilted back and make sure that the airway is patent. Never induce vomiting. If the patient vomits itself, be sure to avoid aspiration. Do not give anything by mouth to an unconscious person.

· **After inhalation:**

Take affected persons into fresh air and loosen clothing. Product may cause drowsiness or dizziness. If necessary, seek a medical attention.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Repeated exposure may cause skin dryness. If symptoms persist, find a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

· **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.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

· **5.3 Advice for firefighters**

· **Protective equipment:** Mouth respiratory protective device.

· **Additional information**

Flammable agent - there is a danger of rapid spread of fire.

In case of fire may produce toxic fumes.

At higher temperatures there is a risk of explosion.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation.

· **6.2 Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

· **6.4 Reference to other sections**

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**

Observe safety precautions, which are common for working with chemicals.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Use personal protective equipment.

Keep away from heat and direct sunlight.

Keep away from sources of ignition - No Smoking!

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- **Information about fire - and explosion protection:**
 Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
 Keep container tightly closed in a cool, well-ventilated and dry place.
 Protect from heat and direct sunlight.
 Store at temperatures 5 – 25 °C.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

· 8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**

67-63-0 propan-2-ol

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

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 The usual precautionary measures are to be adhered to when handling chemicals.
 Do not inhale gases / fumes / aerosols.
 Do not eat or drink while working.
 Keep away from foodstuffs, beverages and feed.
 Wash hands before breaks and at the end of work.
 Avoid contact with the eyes.
 Avoid close or long term contact with the skin.
- **Respiratory protection:**
 During normal operation is not necessary. Ensure good ventilation of the workplace. In the aerosol , a respirator or protective breathing mask.
- **Protection of hands:**



It is not necessary during normal operation. When working with concentrated vehicle use suitable protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye protection:**



Tightly sealed goggles (depending on the nature of work).

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· Form:	Liquid
· Colour:	Colourless
· Odour:	Characteristic
· Odour threshold:	Not determined.

· **pH-value at 20 °C:** 7

· **Change in condition**

· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	82 °C

· **Flash point:** ≤ 21 °C

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 425 °C

· **Decomposition temperature:** Not determined.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Explosion limits:**

· Lower:	2.0 Vol %
· Upper:	12.0 Vol %

· **Vapour pressure at 20 °C:** 43 hPa

· Density at 20 °C:	0.9 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.

· **Solubility in / Miscibility with water:** Fully miscible.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

· Dynamic:	Not determined.
· Kinematic:	Not determined.

· **Solvent content:**

· Organic solvents:	47.0 %
· Water:	50.1 %
· VOC (EC)	47.00 %

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· **9.2 Other information**

No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **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.
- **Additional information:** Avoid temperature above 50 °C.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **Respiratory or skin sensitisation**
May cause an allergic skin reaction.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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**
May cause drowsiness or dizziness.
- **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.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**
Harmful to aquatic organisms
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

The rest of the product must be disposed of as waste according to the proper regulations. Must not be disposed together with household waste. Do not allow to drain. Contaminated waste stored in tightly closed containers. Remnants of the product in the original packaging removed in accordance with applicable law by the authorized person or organization, or waste transported to a specialized waste disposal facility.

- **Waste disposal key:**

Product: 070 601

Contaminated packaging: 150110

Empty containers: 150102 (plastic packaging)

- **Uncleaned packaging:**

- **Recommendation:**

After emptying the container must be disposed of according to the proper regulations. Uncleaned packaging and do not flush container are discarded as a substance or mixture (see Section 13.1.1). Contaminated packaging must be emptied and cleaned. In any case, do not discharge the container after use in the free environment. Uncontaminated empty container may be used for recycling.

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

SECTION 14: Transport information

- **14.1 UN-Number**

· **ADR, IMDG, IATA**

UN1993

- **14.2 UN proper shipping name**

· **ADR**

1993 FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL))

· **IMDG, IATA**

FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL))

- **14.3 Transport hazard class(es)**

· **ADR, IMDG, IATA**



· **Class**

3 Flammable liquids.

· **Label**

3

- **14.4 Packing group**

· **ADR, IMDG, IATA**

II

- **14.5 Environmental hazards:**

· **Marine pollutant:**

No

- **14.6 Special precautions for user**

Warning: Flammable liquids.

· **Danger code (Kemler):**

33

· **EMS Number:**

F-E, S-E

- **14.7 Transport in bulk according to Annex II of**

Marpol and the IBC Code

Not applicable.

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· Transport/Additional information:

· ADR	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· Transport category	2
· Tunnel restriction code	D/E
· Remarks:	ADR regulations - for packaging more than 1 L.
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN1993, FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL)), 3, II

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- **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.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child.
H411 Toxic to aquatic life with long lasting effects.

· Department issuing SDS:

Product safety department
Cormen s.r.o.

· Contact: Mgr. Barbora Kurková

· Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord européen sur le transport 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)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

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Flam. Liq. 2: Flammable liquids, Hazard Category 2

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Repr. 2: Reproductive toxicity, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

· **Sources**

EU Rules, Regulations and Directive, the Collection of laws, Decrees and Orders of the government, the data from the laboratory CORMEN Ltd., the data from the literature.

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

MSDS created on: 26.11.2012

Revision No.2 created on: 14.12.2014

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GB