

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 22.02.2010

Revision: 22.02.2010

## \* 1 Identification of substance:

- **Product details:**
- **Trade name:** C-3000 Universal Schaumreiniger
- **Manufacturer/Supplier:**  
GREEN CLEAN GmbH  
Oberndorferstr.16  
A-5101 Hagenau  
Tel.: +43 662 453 254  
Fax: +43 662 450 178  
<http://www.green-clean.at>
- **Informing department:** Product safety department.
- **Emergency information:** Giftinformationszentrale: 0043 1 4064343

## 2 Hazards identification

- **Hazard designation:**



F+ Extremely flammable

- **Information pertaining to particular dangers for man and environment**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Warning! Pressurized container.

R 12 Extremely flammable.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.

Buildup of explosive mixtures possible without sufficient ventilation.

Keep out of the reach of children

- **Classification system**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

- **GHS label elements**



**Danger**

H222 - Extremely flammable aerosol.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.

Buildup of explosive mixtures possible without sufficient ventilation.

Keep out of the reach of children

- **Prevention:**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Pressurized container: Do not pierce or burn, even after use.

- **Storage:**

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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### 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with harmless additions.

- **Dangerous components:**

CAS: 74-98-6 EINECS: 200-827-9	propane liquefied	 F+; R 12 Danger:  2.2/1 Warning:  2.5/C	2.5-10%
CAS: 67-63-0 EINECS: 200-661-7	Propan-2-ol	 Xi,  F; R 11-36-67 Danger:  2.6/2 Warning:  3.3/2, 3.8/3	2.5-10%
CAS: 111-76-2 EINECS: 203-905-0	Butylglykol	 Xn,  Xi; R 20/21/22-37 Warning:  3.1.O/4, 3.1.D/4, 3.1.I/4, 3.2/2, 3.3/2	2.5-10%

- **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

anionic surfactants, perfumes

&lt; 5%

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

### 4 First aid measures

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** In case of persistent symptoms consult doctor.

### 5 Fire fighting measures

- **Suitable extinguishing agents**  
CO<sub>2</sub> extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation  
Keep away from ignition sources
- **Measures for environmental protection:** Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:** Ensure adequate ventilation.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** No special precautions necessary if used correctly.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Storage**
- **Requirements to be met by storerooms and containers:**  
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Storage according national regulations.

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- **Further information about storage conditions:**  
Do not seal container gastight.  
Protect from heat and direct sunlight.

### 8 Exposure controls and personal protection

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

- **Components with critical values that require monitoring at the workplace:**

#### 67-63-0 Propan-2-ol

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

- **Additional information:** The lists that were valid during the compilation were used as basis.

- **Personal protective equipment**
- **General protective and hygienic measures** Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not required.
- **Protection of hands:**



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.
- **Eye protection:**



Tightly sealed safety glasses.

### 9 Physical and chemical properties:

- **General Information**

<b>Form:</b>	Aerosol
<b>Colour:</b>	According to product specification
<b>Smell:</b>	Product specific

- **Change in condition**  
**Melting point/Melting range:** Not determined  
**Boiling point/Boiling range:** Not applicable, as aerosol

- **Flash point:** Not applicable, as aerosol

- **Ignition temperature:** 425°C

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· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
· <b>Critical values for explosion:</b>	
<b>Lower:</b>	1.1 Vol %
<b>Upper:</b>	12.0 Vol %
· <b>Steam pressure at 20°C:</b>	23 hPa
· <b>Density at 20°C</b>	0.946 g/cm <sup>3</sup>
· <b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Fully miscible
· <b>pH-value at 20°C:</b>	10.5
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	15.1 %
<b>Water:</b>	83.6 %

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous products of composition:** No dangerous decomposition products known
- **Additional information:** Danger of bursting in case of warming above 50°C.

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.

### 12 Ecological information:

- **General notes:**
- Water hazard class 1 (Self-assessment): slightly hazardous for water.
- Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

### 13 Disposal considerations

- **Product:**
- **Recommendation**
- Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **European waste catalogue .**
- **Uncleaned packagings:**
- **Recommendation:**
- Empty cans can be recycled.
- Disposal must be made according to official regulations.

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- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

### 14 Transport information

- Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)



- ADR/RID-GGVS/E Class: 2 5F Gases.
- Kemer Number: -
- UN-Number: 1950
- Packaging group: -
- Label 2.1
- Designation of goods: 1950 Aerosols

- Maritime transport IMDG/GGVSea:



- IMDG/GGVSea Class: 2
- UN Number: 1950
- Label 2.1
- Packaging group: -
- EMS Number: F-D,S-U
- Marine pollutant: No
- Correct technical name: AEROSOLS

- UN "Model Regulation": UN1950, AEROSOLS, 2.1

### \*15 Regulatory information

- **Designation according to EC guidelines:**  
The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)

- **Code letter and hazard designation of product:**



F+ Extremely flammable

- **Risk phrases:**

12 Extremely flammable.

- **Safety phrases:**

2 Keep out of the reach of children.

24/25 Avoid contact with skin and eyes.

46 If swallowed, seek medical advice immediately and show this container or label.

51 Use only in well-ventilated areas.

56 Dispose of this material and its container to hazardous or special waste collection point.

60 This material and its container must be disposed of as hazardous waste.

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**· Special designation of certain preparations:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.

Buildup of explosive mixtures possible without sufficient ventilation.

Keep out of the reach of children

**· National regulations**

The product is subject to classification in accordance with the prevailing version of the regulations on hazardous materials.

**· Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.**

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**16 Other information:**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Relevant R-phrases**

11 Highly flammable.

12 Extremely flammable.

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

36 Irritating to eyes.

37 Irritating to respiratory system.

67 Vapours may cause drowsiness and dizziness.

**· Department issuing data specification sheet: Environment protection department.****· Contact: Ing. Ramona Rausch****· Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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

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