

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Sprühschaum C-3000

Print date: 11.12.2015

Page 1 of 8

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

#### 1.1. Product identifier

Sprühschaum C-3000

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

##### Use of the substance/mixture

Washing and cleaning products (including solvent based products)

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

Company name: GREEN CLEAN GmbH.  
Street: Trimmelkammer Str. 16  
Place: A-5120 St.Pantaleon  
Telephone: +43 (0)6277 62 304  
e-mail: [office@green-clean.at](mailto:office@green-clean.at)  
Internet: [www.green-clean.at](http://www.green-clean.at)

1.4. Emergency telephone number: public emergency number

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Hazard categories:  
Aerosol: Aerosol 1  
Hazard Statements:  
Extremely flammable aerosol.  
Pressurised container: May burst if heated.

#### 2.2. Label elements

Signal word: Danger

Pictograms:



#### Hazard statements

H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.

#### 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.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

#### 2.3. Other hazards

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Sprühschaum C-3000

Print date: 11.12.2015

Page 2 of 8

### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
75-28-5	isobutane			5 - 25 %
	200-857-2	601-004-00-0		
	Flam. Gas 1; H220			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			5 - 20 %
	200-661-7	603-117-00-0	02-2119752543-38	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
74-98-6	propane			1 - 5 %
	200-827-9	601-003-00-5		
	Flam. Gas 1; H220			

Full text of H and EUH phrases: see section 16.

### Labelling for contents according to Regulation (EC) No 648/2004

5 % - 15 % aliphatic hydrocarbons, < 5 % anionic surfactants.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Move victim out of danger zone. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### After inhalation

Provide fresh air. In case of irregular breathing or respiratory arrest provide artificial respiration.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

#### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

#### After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician immediately.

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

Headache, Drowsiness, Dizziness, Nausea.

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

First Aid, decontamination, treatment of symptoms.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>), Foam, Extinguishing powder, Sand.

#### Unsuitable extinguishing media

Full water jet

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

In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Sprühschaum C-3000

Print date: 11.12.2015

Page 3 of 8

Vapours may form explosive mixtures with air.

### 5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Wear a self-contained breathing apparatus and chemical protective clothing.

### Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

---

## SECTION 6: Accidental release measures

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

Provide adequate ventilation. Remove all sources of ignition.  
Avoid contact with skin, eyes and clothes. Do not breathe vapour/aerosol.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

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

Provide adequate ventilation. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

### 6.4. Reference to other sections

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

---

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Provide adequate ventilation as well as local exhaust at critical locations. Do not use in enclosed rooms.

#### Advice on protection against fire and explosion

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. Keep out of the reach of children.  
Vapours can form explosive mixtures with air. Take precautionary measures against static discharge.

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

#### Requirements for storage rooms and vessels

Keep in a cool, well-ventilated place.

#### Advice on storage compatibility

Do not store together with: Oxidising agent

#### Further information on storage conditions

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

### 7.3. Specific end use(s)

not applicable

---

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## Sprühschaum C-3000

Print date: 11.12.2015

Page 4 of 8

### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

### 8.2. Exposure controls

#### Appropriate engineering controls

Personal protective equipment has to be chosen in accordance with workplace specific conditions, e. g. concentration of the product. Chemical resistance has to be clarified with the supplier of protective equipment.

#### Protective and hygiene measures

Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff. Remove contaminated, saturated clothing immediately.

#### Eye/face protection

Wear eye/face protection.

#### Hand protection

Suitable material: Butyl caoutchouc (butyl rubber), NBR (Nitrile rubber).

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

#### Skin protection

Wear anti-static footwear and clothing

#### Respiratory protection

Respiratory protection necessary at: insufficient ventilation

Suitable respiratory protection apparatus: Combination filtering device (EN 14387)

#### Environmental exposure controls

See section 7. No additional measures necessary.

## SECTION 9: Physical and chemical properties

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

Physical state: Aerosol  
Colour: blue  
Odour: like: Alcohol

#### Test method

pH-Value (at 20 °C): 9,25

#### Changes in the physical state

Melting point: not applicable  
Initial boiling point and boiling range: not applicable  
Flash point: not applicable

#### Explosive properties

In use, may form flammable/explosive vapour-air mixture.

Lower explosion limits: 1,5 vol. %  
Upper explosion limits: 12 vol. %  
Ignition temperature: not determined  
Vapour pressure: not determined  
Density: 0,92 g/cm<sup>3</sup>

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Sprühschaum C-3000

Print date: 11.12.2015

Page 5 of 8

Water solubility:	easily soluble
Viscosity / dynamic:	not determined
Viscosity / kinematic:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

### 9.2. Other information

none

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Exothermic reaction with: Oxidising agent, strong

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

None are known.

### 10.6. Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>), Carbon monoxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicokinetics, metabolism and distribution

There are no data available on the mixture itself.

#### Acute toxicity

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

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50	5280 mg/kg	Rat	
	dermal	LD50	12800 mg/kg	Rabbit	
	inhalative vapour	LC50	47,5 mg/l	Rat	

#### Irritation and corrosivity

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

#### Sensitising effects

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

#### STOT-single exposure

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

#### Severe effects after repeated or prolonged exposure

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

#### Carcinogenic/mutagenic/toxic effects for reproduction

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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Sprühschaum C-3000

Print date: 11.12.2015

Page 6 of 8

### Aspiration hazard

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

## SECTION 12: Ecological information

### 12.1. Toxicity

There are no data available on the mixture itself.

CAS No	Chemical name	Method	Dose	[h]   [d]	Species	Source
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute fish toxicity	LC50	9640 mg/l	96 h	Pimephales promelas	
	Acute algae toxicity	ErC50	> 1000 mg/l	72 h	Desmodesmus subspicatus.	
	Acute crustacea toxicity	EC50	13299 mg/l	48 h	Daphnia magna	

### 12.2. Persistence and degradability

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

### 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
75-28-5	isobutane	2,8
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	0,05
74-98-6	propane	2,36

### 12.4. Mobility in soil

There are no data available on the mixture itself.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

None are known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Dispose of waste according to applicable legislation.

#### Waste disposal number of waste from residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing dangerous substances  
Classified as hazardous waste.

#### Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances  
Classified as hazardous waste.

#### Contaminated packaging

Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Sprühschaum C-3000

Print date: 11.12.2015

Page 7 of 8

### Land transport (ADR/RID)

14.1. UN number: UN 1950  
14.2. UN proper shipping name: AEROSOLS  
14.3. Transport hazard class(es): 2  
14.4. Packing group: -  
Hazard label: 2.1



Classification code: 5F  
Limited quantity: 1 L  
Excepted quantity: E0  
Transport category: 2  
Tunnel restriction code: D

### Other applicable information (land transport)

Transport as "limited quantity" according to chapter 3.4 ADR/RID.

### Inland waterways transport (ADN)

14.1. UN number: UN 1950  
14.2. UN proper shipping name: AEROSOLS  
14.3. Transport hazard class(es): 2  
14.4. Packing group: -  
Hazard label: 2.1



Classification code: 5F  
Limited quantity: 1 L  
Excepted quantity: E0

### Marine transport (IMDG)

14.1. UN number: UN 1950  
14.2. UN proper shipping name: AEROSOLS  
14.3. Transport hazard class(es): 2.1  
14.4. Packing group: -  
Hazard label: 2.1



Marine pollutant: -  
Limited quantity: 1000 mL  
Excepted quantity: E0  
EmS: F-D, S-U

### Air transport (ICAO)

14.1. UN number: UN 1950  
14.2. UN proper shipping name: AEROSOLS  
14.3. Transport hazard class(es): 2.1

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Sprühschaum C-3000

Print date: 11.12.2015

Page 8 of 8

**14.4. Packing group:** -  
Hazard label: 2.1



Limited quantity Passenger: 30 kg G  
Passenger LQ: Y203  
Excepted quantity: E0

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

### 14.6. Special precautions for user

see section 6 - 8

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not relevant

## SECTION 15: Regulatory information

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

#### EU regulatory information

2010/75/EU (VOC): 20 - 25 %

#### National regulatory information

Employment restrictions: Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.  
Water contaminating class (D): 1 - slightly water contaminating

### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Relevant H- and EUH-phrases (Number and full text)

H220 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H225 Highly flammable liquid and vapour.  
H229 Pressurised container: May burst if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

### Further Information

Data sources: Data arise from reference works and literature.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*