

VBH Holding AG  
70825 Korntal-Münchingen

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

### 1.1 Product identifier

**greenteQ Window Foam 1C Classe E 500ml/750ml**  
**Article number: 217.274/6397 - 217.274/6399 - 217.274/6679 -**  
**217.274/6681 - 217.274/6398 - 217.274/6400 - 217.274/6680 -**

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

#### 1.2.1 Relevant uses

Building materials

#### 1.2.2 Uses advised against

None known.

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

<b>Company</b>	VBH Holding AG Siemensstrasse 38 70825 Korntal-Münchingen / GERMANY Phone +49 (0) 7150-15-0 Fax +49(0) 71 50-15-315 Homepage <a href="http://www.vbh.de">www.vbh.de</a> E-mail <a href="mailto:info@vbh.de">info@vbh.de</a>
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#### Address enquiries to

<b>Technical information</b>	<a href="mailto:info@vbh.de">info@vbh.de</a>
<b>Safety Data Sheet</b>	<a href="mailto:sdb@chemiebuero.de">sdb@chemiebuero.de</a>

### 1.4 Emergency telephone number

**Advisory body** +49 (0)89-19240 (24h) (English)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Aerosol 1: H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.  
Carc. 2: H351 Suspected of causing cancer.  
Eye Irrit. 2: H319 Causes serious eye irritation.  
STOT SE 3: H335 May cause respiratory irritation.  
Skin Irrit. 2: H315 Causes skin irritation.  
Resp. Sens. 1: H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Skin Sens. 1: H317 May cause an allergic skin reaction.  
STOT RE 2: H373 May cause damage to organs through prolonged or repeated exposure.  
Acute Tox. 4: H332 Harmful if inhaled.

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## 2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

### Hazard pictograms



### Signal word

DANGER

### Contains:

Diphenylmethanediisocyanate, isomeres and homologues

### Hazard statements

H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H351 Suspected of causing cancer.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H315 Causes skin irritation.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H317 May cause an allergic skin reaction.  
H373 May cause damage to organs through prolonged or repeated exposure through inhalation.  
H332 Harmful if inhaled.

### Precautionary statements

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.  
P260 Do not breathe vapours / spray.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves / protective clothing / eye protection / face protection.  
P201 Obtain special instructions before use.  
P284 In case of inadequate ventilation wear respiratory protection.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER / doctor.  
P308+P313 IF exposed or concerned: Get medical advice / attention.  
P501 Dispose of contents/container in accordance with local/national regulation.

### Special labelling

EUH204 Contains isocyanates. May produce an allergic reaction.

## 2.3 Other hazards

### Human health dangers

Persons already sensitised to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

### Environmental hazards

Does not contain any PBT or vPvB substances.

### Other hazards

Further hazards were not determined with the current level of knowledge.

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### SECTION 3: Composition / Information on ingredients

**Product-type:**

The product is a mixture.

Range [%]	Substance
25 - <50	Diphenylmethanediisocyanate, isomeres and homologues CAS: 9016-87-9, EINECS/ELINCS: Polymer GHS/CLP: Skin Irrit. 2: H315 - Skin Sens. 1: H317 - Eye Irrit. 2: H319 - Acute Tox. 4: H332 - Resp. Sens. 1: H334 - STOT SE 3: H335 - Carc. 2: H351 - STOT RE 2: H373
10 - <25	Tris(2-chloro-1-methylethyl) phosphate CAS: 13674-84-5, EINECS/ELINCS: 237-158-7, Reg-No.: 01-2119486772-26-XXXX GHS/CLP: Acute Tox. 4: H302
1 - <10	iso-Butane CAS: 75-28-5, EINECS/ELINCS: 200-857-2, EU-INDEX: 601-004-00-0 GHS/CLP: Flam. Gas 1: H220 - Press. Gas (Compressed gas): H280
1 - <10	Dimethyl ether CAS: 115-10-6, EINECS/ELINCS: 204-065-8, EU-INDEX: 603-019-00-8, Reg-No.: 01-2119472128-37-XXXX GHS/CLP: Flam. Gas 1: H220 - Press. Gas: H280
1 - <10	Propane CAS: 74-98-6, EINECS/ELINCS: 200-827-9, EU-INDEX: 601-003-00-5 GHS/CLP: Flam. Gas 1: H220 - Press. Gas (Compressed gas): H280

**Comment on component parts**

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.  
For full text of H-statements: see SECTION 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information**

Remove contaminated soaked clothing immediately and dispose of safely.

**Inhalation**

Remove the victim into fresh air and keep him calm.  
In the event of symptoms seek medical treatment.

**Skin contact**

In case of contact with skin wash off immediately with soap and water.  
Consult a doctor if skin irritation persists.

**Eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

**Ingestion**

Consult a doctor immediately.

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

Headache  
Irritant effects  
Allergic reactions

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

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing media**

Foam, dry powder, water spray jet, carbon dioxide.

**Extinguishing media that must not be used**

Full water jet.

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## 5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released:  
Hydrogen chloride (HCl).  
Hydrogen cyanide (HCN).  
Nitrogen oxides (NOx).  
Bursting aerosols can be forcibly projected from a fire.

## 5.3 Advice for firefighters

Use self-contained breathing apparatus.  
Do not inhale explosion and/or combustion gases.  
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.  
Cool containers at risk with water spray jet.

## SECTION 6: Accidental release measures

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

Keep away from all sources of ignition.  
Ensure adequate ventilation.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.  
In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

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

Take up mechanically.  
Take up residues with absorbent material (e.g. sand).  
Dispose of absorbed material in accordance with the regulations.

### 6.4 Reference to other sections

See SECTION 8+13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Use only in well-ventilated areas.  
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.  
Vapours can form an explosive mixture with air.  
Take precautionary measures against static discharges.  
Use explosion-proofed equipment/fittings and non-sparkling tools.  
Do not eat, drink, smoke or take drugs at work.  
Wash hands before breaks and after work.  
Clean skin thoroughly after work, apply skin cream.  
Use barrier skin cream.  
Remove contaminated soaked clothing immediately and dispose of safely.

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

Keep only in original container.  
Prevent penetration into the ground.  
Do not store together with oxidizing agents.  
Keep container in a well-ventilated place.  
Keep in a cool place, heat causes increase in pressure and risk of bursting.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C.

### 7.3 Specific end use(s)

See product use, SECTION 1.2

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## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

#### Ingredients with occupational exposure limits to be monitored (GB)

Substance
Diphenylmethanediisocyanate, isomeres and homologues
CAS: 9016-87-9, EINECS/ELINCS: Polymer
Long-term exposure: 0,02 mg/m <sup>3</sup> , as NCO, Sen
Short-term exposure (15-minute): 0,07 mg/m <sup>3</sup>
iso-Butane
CAS: 75-28-5, EINECS/ELINCS: 200-857-2, EU-INDEX: 601-004-00-0
Long-term exposure: 600 ppm, 1450 mg/m <sup>3</sup> , (Butane)
Short-term exposure (15-minute): 750 ppm, 1810 mg/m <sup>3</sup>
Dimethyl ether
CAS: 115-10-6, EINECS/ELINCS: 204-065-8, EU-INDEX: 603-019-00-8, Reg-No.: 01-2119472128-37-XXXX
Long-term exposure: 400 ppm, 766 mg/m <sup>3</sup>
Short-term exposure (15-minute): 500 ppm, 958 mg/m <sup>3</sup>
Butane
CAS: 106-97-8, EINECS/ELINCS: 203-448-7, EU-INDEX: 601-004-00-0
Long-term exposure: 600 ppm, 1450 mg/m <sup>3</sup>
Short-term exposure (15-minute): 750 ppm, 1810 mg/m <sup>3</sup>

#### Ingredients with occupational exposure limits to be monitored (EU)

Substance / EC LIMIT VALUES
Dimethyl ether
CAS: 115-10-6, EINECS/ELINCS: 204-065-8, EU-INDEX: 603-019-00-8, Reg-No.: 01-2119472128-37-XXXX
Eight hours: 1000 ppm, 1920 mg/m <sup>3</sup>

#### DNEL

Substance
Dimethyl ether, CAS: 115-10-6
Industrial, inhalative, Long-term - systemic effects: 1894 mg/m <sup>3</sup> .
general population, inhalative, Long-term - systemic effects: 471 mg/m <sup>3</sup> .
Tris(2-chloro-1-methylethyl) phosphate, CAS: 13674-84-5
Industrial, dermal, Acute - systemic effects: 2,08 mg/kg bw/day.
Industrial, dermal, Long-term - systemic effects: 2,08 mg/kg bw/day.
Industrial, inhalative, Acute - systemic effects: 5,82 mg/m <sup>3</sup> .
Industrial, inhalative, Long-term - systemic effects: 5,82 mg/m <sup>3</sup> .
general population, oral, Acute - systemic effects: 0,52 mg/kg bw/day.
general population, oral, Long-term - systemic effects: 0,52 mg/kg bw/day.
general population, dermal, Acute - systemic effects: 1,04 mg/kg bw/day.
general population, dermal, Long-term - systemic effects: 1,04 mg/kg bw/day.
general population, inhalative, Acute - systemic effects: 1,46 mg/m <sup>3</sup> .
general population, inhalative, Long-term - systemic effects: 1,46 mg/m <sup>3</sup> .

#### PNEC

Substance
Dimethyl ether, CAS: 115-10-6
sewage treatment plants (STP), 160 mg/L.
sediment (seaater), 0,0681 mg/kg dw.

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sediment (freshwater), 0,681 mg/kg dw.
soil, 0,045 mg/kg dw.
seawater, 0,016 mg/l.
freshwater, 0,155 mg/l.
Tris(2-chloro-1-methylethyl) phosphate, CAS: 13674-84-5
soil, 1,7 mg/kg.
sediment (freshwater), 2,92 mg/kg sediment dw.
sediment (seawater), 0,29 mg/kg sediment dw.
sewage treatment plants (STP), 7,84 mg/L.
seawater, 0,064 mg/L.
freshwater, 0,64 mg/L.

## 8.2 Exposure controls

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
<b>Eye protection</b>	Safety glasses. (EN 166:2001)
<b>Hand protection</b>	0,7 mm Butyl rubber, >480 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
<b>Skin protection</b>	Light protective clothing.
<b>Other</b>	Avoid contact with eyes and skin. Do not inhale vapours. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
<b>Respiratory protection</b>	Respiratory protection mask in the event of high concentrations. Short term: combination filter AX-P2. (DIN EN 14387)
<b>Thermal hazards</b>	No information available.
<b>Delimitation and monitoring of the environmental exposition</b>	Protect the environment by applying appropriate control measures to prevent or limit emissions.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form	aerosol
Color	various
Odor	characteristic
Odour threshold	No information available.
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	not applicable
Flash point [°C]	not applicable
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not applicable
Density [g/ml]	No information available.
Bulk density [kg/m <sup>3</sup> ]	not applicable
Solubility in water	reacts with water
Partition coefficient [n-octanol/water]	No information available.
Viscosity	not applicable
Relative vapour density determined in air	No information available.
Evaporation speed	not applicable
Melting point [°C]	not applicable
Autoignition temperature [°C]	not applicable
Decomposition temperature [°C]	not applicable

### 9.2 Other information

No information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Vapours can form an explosive mixture with air.

### 10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

### 10.3 Possibility of hazardous reactions

Because of the high vapour pressure, containers are liable to burst if temperature rises.  
Formation of explosive gas/air mixtures.

### 10.4 Conditions to avoid

See SECTION 7.2.  
Strong heating.

### 10.5 Incompatible materials

strong acids  
Reactions with alkalies (lyes).

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#### **10.6 Hazardous decomposition products**

No hazardous decomposition products known.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Product
dermal, Based on the available information, the classification criteria are not fulfilled.:
ATE-mix, oral, Rat: > 2000 mg/kg.
ATE-mix, inhalation (vapour ), Rat: 10 - <20 mg/l.
Substance
Diphenylmethanediisocyanate, isomeres and homologues, CAS: 9016-87-9
LD50, dermal, Rabbit: > 9400 mg/kg (OECD 402).
LD50, oral, Rat: > 10000 mg/kg (OECD 401).
LC50, inhalativ (mist), Rat: 0,31 mg/l/4h (OECD 403).
NOAEL, inhalative, Rat: 0,2 mg/m <sup>3</sup> (OECD 453).
LOAEL, inhalative, Rat: 1 mg/m <sup>3</sup> (OECD 453).
Dimethyl ether, CAS: 115-10-6
LC50, inhalative, Rat: 164000 ppm (4 h).
iso-Butane, CAS: 75-28-5
LC50, inhalative, Rat: 570000 ppm (IUCLID).
Tris(2-chloro-1-methylethyl) phosphate, CAS: 13674-84-5
LD50, oral, Rat: > 500 -2000 mg/kg.
LD50, dermal, Rat: > 2000 mg/kg.
LC0, inhalative, Rat: > 7 mg/l 4h.
Propane, CAS: 74-98-6
LC50, inhalative, Rat: 658 mg/L (IUCLID).

<b>Serious eye damage/irritation</b>	Based on the available information, the classification criteria are fulfilled. Irritant Calculation method [RL (EC) No. 1272/2008 Annex I 1.1.3.7]
<b>Skin corrosion/irritation</b>	Based on the available information, the classification criteria are fulfilled. Irritant Calculation method [RL (EC) No. 1272/2008 Annex I 1.1.3.7]
<b>Respiratory or skin sensitisation</b>	Based on the available information, the classification criteria are fulfilled. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Calculation method [RL (EC) No. 1272/2008 Annex I 1.1.3.7]
<b>Specific target organ toxicity — single exposure</b>	Based on the available information, the classification criteria are fulfilled. May cause respiratory irritation. Calculation method [RL (EC) No. 1272/2008 Annex I 1.1.3.7]
<b>Specific target organ toxicity — repeated exposure</b>	Based on the available information, the classification criteria are fulfilled. May cause damage to organs through prolonged or repeated exposure through inhalation. Calculation method [RL (EC) No. 1272/2008 Annex I 1.1.3.7]
<b>Mutagenicity</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Reproduction toxicity</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Carcinogenicity</b>	Based on the available information, the classification criteria are fulfilled. Suspected of causing cancer. Calculation method
<b>Aspiration hazard</b>	Based on the available information, the classification criteria are not fulfilled.
<b>General remarks</b>	

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials. Toxicological data of complete product are not available.

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## SECTION 12: Ecological information

### 12.1 Toxicity

Product
Based on the available information, the classification criteria are not fulfilled.:
Substance
Diphenylmethanediisocyanate, isomeres and homologues, CAS: 9016-87-9
LC50, (96h), Danio rerio: > 1000 mg/l (OECD 203).
EC50, (3h), Bacteria: > 100 mg/l (OECD 209).
EC50, (24h), Daphnia magna: > 1000 mg/l (OECD 202).
NOEC, (21d), Daphnia magna: > 10 mg/l (OECD 202).
ErC50, (72h), Scenedesmus subspicatus: > 1640 mg/l (OECD 201).
Dimethyl ether, CAS: 115-10-6
LC50, (96h), Poecilia reticulata: > 4000 mg/l.
EC50, (48h), Daphnia magna: > 4000 mg/l.
EC50, (96h), Pseudokirchneriella subcapitata: 154,917 mg/l.
Tris(2-chloro-1-methylethyl) phosphate, CAS: 13674-84-5
LC50, (96h), Pimephales promelas: 51 mg/l.
EC50, (48h), Daphnia magna: 131 mg/l.
EC50, (3h), Bacteria: 784 mg/l.
IC50, (72h), Algae: 82 mg/l.

### 12.2 Persistence and degradability

<b>Behaviour in environment compartments</b>	No information available.
<b>Behaviour in sewage plant</b>	No information available.
<b>Biological degradability</b>	The product is not readily biodegradable.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

### 12.6 Other adverse effects

The product contains organically bound halogen in accordance with the formulation.  
The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.  
Ecotoxicological data are not available.  
Do not discharge product unmonitored into the environment.

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

##### Product

Dispose of as hazardous waste.  
Coordinate disposal with the disposal contractor/authorities if necessary.

##### Waste no. (recommended)

160504\* gases in pressure containers (including halons) containing dangerous substances  
080501\*

##### Contaminated packaging

Dispose full / partially emptied cartridges as hazardous waste in accordance with official regulations.

##### Waste no. (recommended)

150110\*

### SECTION 14: Transport information

#### 14.1 UN number

Transport by land according to  
ADR/RID 1950

Inland navigation (ADN) 1950

Marine transport in accordance with  
IMDG 1950

Air transport in accordance with IATA 1950

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#### 14.2 UN proper shipping name

Transport by land according to ADR/RID Aerosols  
- Classification Code 5F  
- Label   
- ADR LQ 1 I  
- ADR 1.1.3.6 (8.6) Transport category (tunnel restriction code) 2 (D)

Inland navigation (ADN) Aerosols  
- Classification Code 5F  
- Label 

Marine transport in accordance with IMDG Aerosols  
- EMS F-D, S-U  
- Label   
- IMDG LQ 1 I

Air transport in accordance with IATA Aerosols, flammable  
- Label 

#### 14.3 Transport hazard class(es)

Transport by land according to ADR/RID 2

Inland navigation (ADN) 2

Marine transport in accordance with IMDG 2.1

Air transport in accordance with IATA 2.1

#### 14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

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#### 14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

#### 14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

#### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available.

### SECTION 15: Regulatory information

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

**EEC-REGULATIONS** 1991/689 (2001/118); 2010/75; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2008/47/EC); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014

**TRANSPORT-REGULATIONS** DOT-Classification, ADR (2017); IMDG-Code (2017, 38. Amdt.); IATA-DGR (2018).

**NATIONAL REGULATIONS (GB):** EH40/2005 Workplace exposure limits (Second edition, published December 2011).

- **Observe employment restrictions for people** Observe employment restrictions for young people.  
Observe employment restrictions for mothers-to-be and nursing mothers.

- **VOC (2010/75/CE)** ca. 18,6%

#### 15.2 Chemical safety assessment

not applicable

### SECTION 16: Other information

#### 16.1 Hazard statements (SECTION 03)

H280 Contains gas under pressure; may explode if heated.  
H220 Extremely flammable gas.  
H302 Harmful if swallowed.  
H373 May cause damage to organs through prolonged or repeated exposure through inhalation.  
H351 Suspected of causing cancer.  
H335 May cause respiratory irritation.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H332 Harmful if inhaled.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H315 Causes skin irritation.

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## 16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
ATE = acute toxicity estimate  
CAS = Chemical Abstracts Service  
CLP = Classification, Labelling and Packaging  
DMEL = Derived Minimum Effect Level  
DNEL = Derived No Effect Level  
EC50 = Median effective concentration  
ECB = European Chemicals Bureau  
EEC = European Economic Community  
EINECS = European Inventory of Existing Commercial Chemical Substances  
ELINCS = European List of Notified Chemical Substances  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IC50 = Inhibition concentration, 50%  
IMDG = International Maritime Code for Dangerous Goods  
IUCLID = International Uniform Chemical Information Database  
LC50 = Lethal concentration, 50%  
LD50 = Median lethal dose  
LC0 = lethal concentration, 0%  
LOAEL = lowest-observed-adverse-effect level  
MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
NOAEL = No Observed Adverse Effect Level  
NOEC = No Observed Effect Concentration  
PBT = Persistent, Bioaccumulative and Toxic substance  
PNEC = Predicted No-Effect Concentration  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
STP = Sewage Treatment Plant  
TLV@/TWA = Threshold limit value – time-weighted average  
TLV@STEL = Threshold limit value – short-time exposure limit  
VOC = Volatile Organic Compounds  
vPvB = very Persistent and very Bioaccumulative

## 16.3 Other information

### Classification procedure

Aerosol 1: H222 Extremely flammable aerosol. (Bridging principle "Aerosols") H229  
Pressurised container: May burst if heated. (Bridging principle "Aerosols")  
Carc. 2: H351 Suspected of causing cancer. (Calculation method)  
Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method [RL (EC) No. 1272/2008 Annex I 1.1.3.7])  
STOT SE 3: H335 May cause respiratory irritation. (Calculation method [RL (EC) No. 1272/2008 Annex I 1.1.3.7])  
Skin Irrit. 2: H315 Causes skin irritation. (Calculation method [RL (EC) No. 1272/2008 Annex I 1.1.3.7])  
Resp. Sens. 1: H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. (Calculation method [RL (EC) No. 1272/2008 Annex I 1.1.3.7])  
Skin Sens. 1: H317 May cause an allergic skin reaction. (Calculation method [RL (EC) No. 1272/2008 Annex I 1.1.3.7])  
STOT RE 2: H373 May cause damage to organs through prolonged or repeated exposure. (Bridging principle "Aerosols")  
Acute Tox. 4: H332 Harmful if inhaled. (Calculation method [RL (EC) No. 1272/2008 Annex I 1.1.3.7])

### Modified position

none



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