

## methane, compressed

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

## 1.1 Product identifier:

|                           |   |
|---------------------------|---|
| Product name              | : methane, compressed   |
| Synonyms                  | : biogas, compressed; carburetted hydrogen, compressed; hydrogenbicide, compressed; light carburetted hydrogen, compressed; methane; methyl hydride, compressed; natural gas, compressed; process stream (=methane), compressed; pro stream (=methane), compressed; R50 |
| Registration number REACH | : 01-2119474442-39  |
| Product type REACH        | : Substance/mono-constituent  |
| CAS number                | : 74-82-8   |
| EC index number           | : 601-001-00-4  |
| EC number                 | : 200-812-7   |
| RTECS number              | : PA1490000   |
| Molecular mass            | : 16.04 g/mol   |
| Formula                   | : CH <sub>4</sub>   |

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

## 1.2.1 Relevant identified uses

Industrial and professional use. Before use: carry out a risk assessment

## 1.2.2 Uses advised against

No uses advised against known

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

## Supplier of the safety data sheet

CHEMOGAS NV  
Westvaartdijk 85  
B-1850 Grimbergen Belgium  
☎ +32 2 251 60 87  
✉ +32 2 252 17 51  
info@chemogas.com

## Distributor of the product

CHEMOGAS NV  
Westvaartdijk 85  
B-1850 Grimbergen Belgium  
☎ +32 2 251 60 87  
✉ +32 2 252 17 51  
info@chemogas.com

## 1.4 Emergency telephone number:

24h/24h (Telephone advice: English, French, German, Dutch):  
+32 14 58 45 45 (BIG)

## SECTION 2: Hazards identification

## 2.1 Classification of the substance or mixture:

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

| Class      | Category       | Hazard statements   |
|------------|----------------|---|
| Flam. Gas  | category 1     | H220: Extremely flammable gas.                            |
| Press. Gas | Compressed gas | H280: Contains gas under pressure; may explode if heated. |

## 2.2 Label elements:



Signal word

Danger

# methane, compressed

## H-statements

H220 Extremely flammable gas.  
H280 Contains gas under pressure; may explode if heated.

## P-statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P381 Eliminate all ignition sources if safe to do so.  
P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.  
P410 + P403 Protect from sunlight. Store in a well-ventilated place.

## 2.3 Other hazards:

May build up electrostatic charges: risk of ignition  
May be ignited by sparks  
Large spills/in enclosed spaces: risk of oxygen deficiency

## SECTION 3: Composition/information on ingredients

### 3.1 Substances:

| Name<br>REACH Registration No | CAS No<br>EC No      | Conc. (C) | Classification according to CLP                           | Note       | Remark           |
|-------------------------------|----------------------|-----------|---|------------|------------------|
| methane<br>01-2119474442-39   | 74-82-8<br>200-812-7 | 100 %     | Flam. Gas 1; H220<br>Press. Gas - Compressed gas;<br>H280 | (1)(10)(2) | Mono-constituent |

(1) For H-statements in full: see heading 16

(2) Substance with a Community workplace exposure limit

(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006

### 3.2 Mixtures:

Not applicable

## SECTION 4: First aid measures

### 4.1 Description of first aid measures:

#### General:

Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

#### After inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

#### After skin contact:

Not applicable.

#### After eye contact:

Rinse with water. Take victim to an ophthalmologist if irritation persists.

#### After ingestion:

Not applicable.

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

#### 4.2.1 Acute symptoms

##### After inhalation:

EXPOSURE TO HIGH CONCENTRATIONS: Nausea. Headache. Dizziness. Feeling of weakness. Coordination disorders.

##### After skin contact:

No effects known.

##### After eye contact:

No effects known.

##### After ingestion:

Not applicable.

#### 4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media:

#### 5.1.1 Suitable extinguishing media:

BC powder. Carbon dioxide.

#### 5.1.2 Unsuitable extinguishing media:

Publication date: 2015-06-25

Reference number: 3590

Product number: 10171

Revision number: 0000

2 / 9

# methane, compressed

Solid water jet ineffective as extinguishing medium.

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

Upon combustion: CO and CO<sub>2</sub> are formed.

## 5.3 Advice for firefighters:

### 5.3.1 Instructions:

If no hazard for/from the surroundings: controlled burning. If hazardous substances are nearby: consider extinguishment. Extinguish only if gas supply/leak can be shut afterwards. Cool tanks/drums with water spray/remove them into safety. Physical explosion risk: extinguish/cool from behind cover. Do not move the load if exposed to heat. After cooling: persistent risk of physical explosion.

### 5.3.2 Special protective equipment for fire-fighters:

Gloves. Protective clothing. Large spills/in enclosed spaces: compressed air apparatus. Heat/fire exposure: compressed air/oxygen apparatus.

## SECTION 6: Accidental release measures

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

Keep upwind. Close doors and windows of adjacent premises. Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment.

#### 6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

#### 6.1.2 Protective equipment for emergency responders

Gloves. Protective clothing. Large spills/in enclosed spaces: compressed air apparatus.

#### Suitable protective clothing

See heading 8.2

### 6.2 Environmental precautions:

Contain released substance, pump into suitable containers. Plug the leak, cut off the supply.

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

Damaged/cooled tanks must be emptied. Do not use compressed air for pumping over spills. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

### 6.4 Reference to other sections:

See heading 13.

## SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 7.1 Precautions for safe handling:

Use spark-/explosionproof appliances and lighting system. Use earthed equipment. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Gas/vapour lighter than air at 20°C. Observe normal hygiene standards.

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

#### 7.2.1 Safe storage requirements:

Storage temperature: < 50 °C. Store below 50°C. Keep out of direct sunlight. Keep container in a well-ventilated place. Fireproof storeroom. Keep locked up. Provide for an automatic sprinkler system. Provide the tank with earthing. Keep only in the original container. Under a shelter/in the open. Meet the legal requirements.

#### 7.2.2 Keep away from:

Heat sources, ignition sources, combustible materials, oxidizing agents, halogens.

#### 7.2.3 Suitable packaging material:

Metal, stainless steel, aluminium.

#### 7.2.4 Non suitable packaging material:

No data available

### 7.3 Specific end use(s):

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters:

#### 8.1.1 Occupational exposure

##### a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

##### Belgium

|   |  |          |
|---|--|----------|
| Hydrocarbures aliphatiques sous forme gazeuse : (Alcanes C1-C4) | Time-weighted average exposure limit 8 h | 1000 ppm |
|---|--|----------|

##### b) National biological limit values

If limit values are applicable and available these will be listed below.

Publication date: 2015-06-25

Reference number: 3590

Product number: 10171

Revision number: 0000

3 / 9

# methane, compressed

## 8.1.2 Sampling methods

If applicable and available it will be listed below.

## 8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

## 8.1.4 DNEL/PNEC values

If applicable and available it will be listed below.

## 8.1.5 Control banding

If applicable and available it will be listed below.

## 8.2 Exposure controls:

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 8.2.1 Appropriate engineering controls

Use spark-/explosionproof appliances and lighting system. Use earthed equipment. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Measure the concentration in the air regularly. Work under local exhaust/ventilation.

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

Observe normal hygiene standards. Do not eat, drink or smoke during work.

#### a) Respiratory protection:

High vapour/gas concentration: self-contained respirator.

#### b) Hand protection:

Gloves.

#### c) Eye protection:

Safety glasses.

#### d) Skin protection:

Protective clothing.

### 8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

## SECTION 9: Physical and chemical properties

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

|                           |  |
|---------------------------|--|
| Physical form             | Compressed gas   |
| Odour                     | Odourless  |
| Odour threshold           | 200 ppm<br>131 mg/m <sup>3</sup>                       |
| Colour                    | Colourless   |
| Particle size             | Not applicable (gas)                                   |
| Explosion limits          | 5 - 15.4 vol %   |
| Flammability              | Extremely flammable gas.                               |
| Log Kow                   | 1.09 ; Experimental value ; 20 °C                      |
| Dynamic viscosity         | No data available                                      |
| Kinematic viscosity       | No data available                                      |
| Melting point             | -182 °C  |
| Boiling point             | -162 °C  |
| Flash point               | No data available                                      |
| Evaporation rate          | No data available                                      |
| Relative vapour density   | 0.55   |
| Vapour pressure           | 1470 hPa ; 20 °C                                       |
| Solubility                | water ; < 0.1 g/100 ml                                 |
| Relative density          | 0.47 ; -164 °C   |
| Decomposition temperature | No data available                                      |
| Auto-ignition temperature | 595 °C   |
| Explosive properties      | No chemical group associated with explosive properties |
| Oxidising properties      | No chemical group associated with oxidising properties |
| pH                        | No data available                                      |

### 9.2 Other information:

|                         |                                 |
|-------------------------|---------------------------------|
| Minimum ignition energy | 0.28 mJ                         |
| Critical temperature    | -82 °C                          |
| Critical pressure       | 46000 hPa                       |
| Absolute density        | 466 kg/m <sup>3</sup> ; -164 °C |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity:

May build up electrostatic charges: risk of ignition. May be ignited by sparks.

### 10.2 Chemical stability:

Stable under normal conditions.

Publication date: 2015-06-25

Reference number: 3590

Product number: 10171

Revision number: 0000

4 / 9

# methane, compressed

## 10.3 Possibility of hazardous reactions:

Reacts with (strong) oxidizers: (increased) risk of fire/explosion. Violent to explosive reaction with (some) halogens.

## 10.4 Conditions to avoid:

Use spark-/explosionproof appliances and lighting system. Use earthed equipment. Keep away from naked flames/heat. Keep away from ignition sources/sparks.

## 10.5 Incompatible materials:

Combustible materials, oxidizing agents, halogens.

## 10.6 Hazardous decomposition products:

Upon combustion: CO and CO<sub>2</sub> are formed.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects:

#### 11.1.1 Test results

##### Acute toxicity

methane, compressed

| Route of exposure  | Parameter | Method | Value     | Exposure time | Species      | Value determination | Remark |
|--------------------|-----------|--------|-----------|---------------|--------------|---------------------|--------|
| Oral               |           |        |           |               |              | Data waiving        |        |
| Dermal             |           |        |           |               |              | Data waiving        |        |
| Inhalation (gases) | LC50      |        | 1237 mg/l | 2 h           | Mouse (male) | Experimental value  |        |

##### Conclusion

Not classified for acute toxicity

##### Corrosion/irritation

methane, compressed

| Route of exposure | Result | Method | Exposure time | Time point | Species | Value determination | Remark |
|-------------------|--------|--------|---------------|------------|---------|---------------------|--------|
| Eye               |        |        |               |            |         | Data waiving        |        |
| Skin              |        |        |               |            |         | Data waiving        |        |

##### Conclusion

Not classified as irritating to the skin

Not classified as irritating to the eyes

Not classified as irritating to the respiratory system

##### Respiratory or skin sensitisation

methane, compressed

| Route of exposure | Result | Method | Exposure time | Observation time point | Species | Value determination | Remark |
|-------------------|--------|--------|---------------|------------------------|---------|---------------------|--------|
| Skin              |        |        |               |                        |         | Data waiving        |        |
| Inhalation        |        |        |               |                        |         | Data waiving        |        |

##### Conclusion

Not classified as sensitizing for skin

Not classified as sensitizing for inhalation

##### Specific target organ toxicity

methane, compressed

| Route of exposure  | Parameter              | Method   | Value                       | Organ | Effect    | Exposure time | Species           | Value determination |
|--------------------|------------------------|----------|-----------------------------|-------|-----------|---------------|-------------------|---------------------|
| Oral               |                        |          |                             |       |           |               |                   | Data waiving        |
| Dermal             |                        |          |                             |       |           |               |                   | Data waiving        |
| Inhalation (gases) | NOAEC systemic effects | OECD 412 | 21394 mg/m <sup>3</sup> air |       | No effect | 28 day(s)     | Rat (male/female) | Experimental value  |

##### Conclusion

Not classified for subchronic toxicity

##### Mutagenicity (in vitro)

methane, compressed

| Result   | Method   | Test substrate           | Effect | Value determination |
|----------|----------|--------------------------|--------|---------------------|
| Negative | OECD 473 | Human lymphocytes        |        | Experimental value  |
| Negative | OECD 471 | Bacteria (S.typhimurium) |        | Experimental value  |

##### Mutagenicity (in vivo)

Publication date: 2015-06-25

Reference number: 3590

Product number: 10171

Revision number: 0000

5 / 9

# methane, compressed

methane, compressed

| Result   | Method   | Exposure time | Test substrate    | Organ | Value determination |
|----------|----------|---------------|-------------------|-------|---------------------|
| Negative | OECD 474 | 13 week(s)    | Rat (male/female) |       | Read-across         |

## Carcinogenicity

methane, compressed

| Route of exposure | Parameter | Method | Value | Exposure time | Species | Value determination | Organ | Effect |
|-------------------|-----------|--------|-------|---------------|---------|---------------------|-------|--------|
| Inhalation        |           |        |       |               |         | Data waiving        |       |        |
| Dermal            |           |        |       |               |         | Data waiving        |       |        |
| Oral              |           |        |       |               |         | Data waiving        |       |        |

## Reproductive toxicity

methane, compressed

|                        | Parameter    | Method   | Value                       | Exposure time                 | Species           | Effect    | Organ | Value determination |
|------------------------|--------------|----------|-----------------------------|-------------------------------|-------------------|-----------|-------|---------------------|
| Developmental toxicity | NOAEC        | OECD 422 | 21641 mg/m <sup>3</sup> air | 6 week(s)                     | Rat (male/female) | No effect |       | Experimental value  |
| Maternal toxicity      | NOAEC        | OECD 422 | 21641 mg/m <sup>3</sup> air | 6 week(s)                     | Rat (female)      | No effect |       | Experimental value  |
| Effects on fertility   | NOAEC (P/F1) | OECD 422 | 21394                       | 5 weeks (6h/day, 7 days/week) | Rat (male/female) | No effect |       | Experimental value  |

### Conclusion CMR

Not classified for carcinogenicity

Not classified for mutagenic or genotoxic toxicity

Not classified for reprotoxic or developmental toxicity

## Toxicity other effects

methane, compressed

No (test)data available

## Chronic effects from short and long-term exposure

methane, compressed

No effects known.

## SECTION 12: Ecological information

### 12.1 Toxicity:

methane, compressed

No (test)data available

### Conclusion

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

### 12.2 Persistence and degradability:

methane, compressed

#### Biodegradation water

| Method                                  | Value | Duration | Value determination |
|---|-------|----------|---------------------|
| OECD 301E: Modified OECD Screening Test | 70 %  |          | Experimental value  |

#### Phototransformation air (DT50 air)

| Method | Value       | Conc. OH-radicals    | Value determination |
|--------|-------------|----------------------|---------------------|
|        | 1906 day(s) | 5E5 /cm <sup>3</sup> | Calculated value    |

#### Half-life soil (t1/2 soil)

| Method | Value | Primary degradation/mineralisation | Value determination  |
|--------|-------|------------------------------------|----------------------|
|        |       |                                    | Not applicable (gas) |

### Conclusion

Readily biodegradable in water

### 12.3 Bioaccumulative potential:

methane, compressed

#### Log Kow

| Method | Remark | Value | Temperature | Value determination |
|--------|--------|-------|-------------|---------------------|
|        |        |       |             |                     |

Publication date: 2015-06-25

Reference number: 3590

Product number: 10171

Revision number: 0000

6 / 9

# methane, compressed

1.09

20 °C

Experimental value

## Conclusion

Low potential for bioaccumulation (Log Kow < 4)

## 12.4 Mobility in soil:

No (test)data on mobility of the substance available

## 12.5 Results of PBT and vPvB assessment:

Substance does not meet the criteria of PBT, nor the criteria of vPvB according to Annex XIII of Regulation (EC) No 1907/2006, so is neither PBT nor vPvB.

## 12.6 Other adverse effects:

methane, compressed

### Global warming potential (GWP)

Included in the list of substances which may contribute to the greenhouse effect (IPCC)

### Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

## SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 13.1 Waste treatment methods:

#### 13.1.1 Provisions relating to waste

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

16 05 04\* (gases in pressure containers and discarded chemicals: gases in pressure containers (including halons) containing dangerous substances).

Depending on branch of industry and production process, also other waste codes may be applicable. Hazardous waste according to Regulation (EU) No 1357/2014.

#### 13.1.2 Disposal methods

Refer to manufacturer/supplier for information on recovery/ recycling. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Do not discharge into the sewer.

#### 13.1.3 Packaging/Container

Waste material code packaging (Directive 2008/98/EC).

15 01 10\* (packaging containing residues of or contaminated by dangerous substances).

## SECTION 14: Transport information

### Road (ADR)

#### 14.1 UN number:

|           |      |
|-----------|------|
| UN number | 1971 |
|-----------|------|

#### 14.2 UN proper shipping name:

|                      |                     |
|----------------------|---------------------|
| Proper shipping name | Methane, compressed |
|----------------------|---------------------|

#### 14.3 Transport hazard class(es):

|                              |    |
|------------------------------|----|
| Hazard identification number | 23 |
| Class                        | 2  |
| Classification code          | 1F |

#### 14.4 Packing group:

|               |     |
|---------------|-----|
| Packing group |     |
| Labels        | 2.1 |

#### 14.5 Environmental hazards:

|  |    |
|--|----|
| Environmentally hazardous substance mark | no |
|--|----|

#### 14.6 Special precautions for user:

|                    |       |
|--------------------|-------|
| Special provisions | 660   |
| Special provisions |       |
| Special provisions | 662   |
| Limited quantities | none. |

### Rail (RID)

#### 14.1 UN number:

|           |      |
|-----------|------|
| UN number | 1971 |
|-----------|------|

#### 14.2 UN proper shipping name:

|                      |                     |
|----------------------|---------------------|
| Proper shipping name | Methane, compressed |
|----------------------|---------------------|

#### 14.3 Transport hazard class(es):

|                              |    |
|------------------------------|----|
| Hazard identification number | 23 |
| Class                        | 2  |
| Classification code          | 1F |

Publication date: 2015-06-25

Reference number: 3590

Product number: 10171

Revision number: 0000

7 / 9

# methane, compressed

## 14.4 Packing group:

|               |           |
|---------------|-----------|
| Packing group |           |
| Labels        | 2.1 (+13) |

## 14.5 Environmental hazards:

|  |    |
|--|----|
| Environmentally hazardous substance mark | no |
|--|----|

## 14.6 Special precautions for user:

|                    |       |
|--------------------|-------|
| Special provisions | 660   |
| Special provisions | 662   |
| Limited quantities | none. |

## Inland waterways (ADN)

### 14.1 UN number:

|           |      |
|-----------|------|
| UN number | 1971 |
|-----------|------|

### 14.2 UN proper shipping name:

|                      |                     |
|----------------------|---------------------|
| Proper shipping name | Methane, compressed |
|----------------------|---------------------|

### 14.3 Transport hazard class(es):

|                     |    |
|---------------------|----|
| Class               | 2  |
| Classification code | 1F |

### 14.4 Packing group:

|               |     |
|---------------|-----|
| Packing group |     |
| Labels        | 2.1 |

### 14.5 Environmental hazards:

|  |    |
|--|----|
| Environmentally hazardous substance mark | no |
|--|----|

### 14.6 Special precautions for user:

|                    |       |
|--------------------|-------|
| Special provisions | 660   |
| Special provisions | 662   |
| Limited quantities | none. |

## Sea (IMDG/IMSBC)

### 14.1 UN number:

|           |      |
|-----------|------|
| UN number | 1971 |
|-----------|------|

### 14.2 UN proper shipping name:

|                      |                     |
|----------------------|---------------------|
| Proper shipping name | methane, compressed |
|----------------------|---------------------|

### 14.3 Transport hazard class(es):

|       |     |
|-------|-----|
| Class | 2.1 |
|-------|-----|

### 14.4 Packing group:

|               |     |
|---------------|-----|
| Packing group |     |
| Labels        | 2.1 |

### 14.5 Environmental hazards:

|  |    |
|--|----|
| Marine pollutant                         | -  |
| Environmentally hazardous substance mark | no |

### 14.6 Special precautions for user:

|                    |       |
|--------------------|-------|
| Special provisions |       |
| Limited quantities | none. |

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

|                          |                |
|--------------------------|----------------|
| Annex II of MARPOL 73/78 | Not applicable |
|--------------------------|----------------|

## Air (ICAO-TI/IATA-DGR)

### 14.1 UN number:

|           |      |
|-----------|------|
| UN number | 1971 |
|-----------|------|

### 14.2 UN proper shipping name:

|                      |                     |
|----------------------|---------------------|
| Proper shipping name | Methane, compressed |
|----------------------|---------------------|

### 14.3 Transport hazard class(es):

|       |     |
|-------|-----|
| Class | 2.1 |
|-------|-----|

### 14.4 Packing group:

|               |     |
|---------------|-----|
| Packing group |     |
| Labels        | 2.1 |

### 14.5 Environmental hazards:

|  |    |
|--|----|
| Environmentally hazardous substance mark | no |
|--|----|

### 14.6 Special precautions for user:

|   |    |
|---|----|
| Special provisions  | A1 |
| Passenger and cargo transport: limited quantities: maximum net quantity per packaging |    |

## SECTION 15: Regulatory information

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

#### European legislation:

Publication date: 2015-06-25

Reference number: 3590

Product number: 10171

Revision number: 0000

8 / 9



# methane, compressed

VOC content Directive 2010/75/EU

| VOC content | Remark |
|-------------|--------|
| 100 %       |        |

REACH Annex XVII - Restriction

Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

|         | Designation of the substance, of the group of substances or of the mixture  | Conditions of restriction  |
|---------|---|--|
| methane | Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to that Regulation or not. | 1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:<br>— metallic glitter intended mainly for decoration,<br>— artificial snow and frost,<br>— “whoopee” cushions,<br>— silly string aerosols,<br>— imitation excrement,<br>— horns for parties,<br>— decorative flakes and foams,<br>— artificial cobwebs,<br>— stink bombs.2. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:<br>“For professional users only”.3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/ 324/EEC.4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated. |

## National legislation The Netherlands

|  |   |
|--|---|
| Waste identification (the Netherlands) | LWCA (the Netherlands): KGA category 06 |
| Waterbezwaarlijkheid                   | 11                                      |

## National legislation Germany

|         |   |
|---------|---|
| WGK     | nwg; Classification non-water polluting in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 1) |
| TA-Luft | 5.2.5   |

## National legislation France

No data available

## National legislation Belgium

No data available

## Other relevant data

No data available

## 15.2 Chemical safety assessment:

A chemical safety assessment has been performed.

## SECTION 16: Other information

### Full text of any H-statements referred to under headings 2 and 3:

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

(\*) = INTERNAL CLASSIFICATION BY BIG

PBT-substances = persistent, bioaccumulative and toxic substances

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.

Publication date: 2015-06-25

Reference number: 3590

Product number: 10171

Revision number: 0000

9 / 9