

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : SIEMENS Test gas REF8-S  
Product code : A5Q00011688  
Vaporizer : Aerosol  
UFI Code : XGC1-W13W-W00C-9UC4

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Main use category : Industrial use  
Use of the substance/mixture : Control gas for smoke detectors

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet****Distributor**

Siemens AG, Smart Infrastructure, Building Products,  
Otto-Hahn-Ring 6  
81739 München  
Deutschland / Germany  
T +49 89 9221 8000 - F +49 89 636 720 000  
[fs.support.sbt@siemens.com](mailto:fs.support.sbt@siemens.com)

**1.4. Emergency telephone number**

| Country        | Official advisory body                                                                           | Address                                  | Emergency number                                                                                   | Comment |
|----------------|--------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------|---------|
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital                                         | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-24/7)<br>+353 1 809 2166<br>(public, 8am - 10pm, 7/7) |         |
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St<br>Thomas' Hospital Trust | Avonley Road<br>SE14 5ER London          | +44 20 7188 7188                                                                                   |         |

# Test Gas REF8-S

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1

H222;H229

Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

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

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)

:



GHS02

Signal word (CLP)

: Danger

Hazard statements (CLP)

: H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

Precautionary statements (CLP)

: 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

Other hazards which do not result in classification : Contact with the product may cause cold burns or frostbite.

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name                                                                                                                               | Product identifier                                                                                | %                | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------|
| isobutane<br>substance with national workplace exposure limit(s)<br>(AT, BE, DE, EE, FI, IE, PT, SI, SK)<br>(Note C)(Note U)       | CAS-No.: 75-28-5<br>EC-No.: 200-857-2<br>EC Index-No.: 601-004-00-0<br>REACH-no: 01-2119485395-27 | $\geq 50$        | Flam. Gas 1A, H220<br>Press. Gas                                |
| propane<br>substance with national workplace exposure limit(s)<br>(AT, BE, BG, DE, DK, EE, ES, FI, GR, LV, PL, RO, SI)<br>(Note U) | CAS-No.: 74-98-6<br>EC-No.: 200-827-9<br>EC Index-No.: 601-003-00-5<br>REACH-no: 01-2119486944-21 | $\geq 30 - < 50$ | Flam. Gas 1A, H220<br>Press. Gas                                |

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Note C : Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Note U (Table 3): When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

Full text of H- and EUH-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |                                                                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                                                                  |
| First-aid measures after skin contact | : Contact with the liquefied gas may cause frostbite. Wash skin with plenty of water.                                             |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.                         |
| First-aid measures after ingestion    | : Ingestion is not considered a potential route of exposure. Call a poison center or a doctor if you feel unwell.                 |

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

|                                     |                        |
|-------------------------------------|------------------------|
| Symptoms/effects after inhalation   | : Dizziness.           |
| Symptoms/effects after skin contact | : Frostbites.          |
| Symptoms/effects after eye contact  | : May cause frostbite. |

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |                                                        |
|--------------------------------|--------------------------------------------------------|
| Suitable extinguishing media   | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Strong water jet.                                    |

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

|                                                  |                                                 |
|--------------------------------------------------|-------------------------------------------------|
| Fire hazard                                      | : Extremely flammable aerosol.                  |
| Explosion hazard                                 | : Pressurised container: May burst if heated.   |
| Reactivity in case of fire                       | : Containments may explode when heated.         |
| Hazardous decomposition products in case of fire | : Heat from fire may generate flammable vapour. |

#### 5.3. Advice for firefighters

|                                |                                                                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. Complete protective clothing.                                         |

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. No open flames, no sparks, and no smoking.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

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

Methods for cleaning up : Store away from other materials. Ventilate the area thoroughly.

#### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection. For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Provide good ventilation in process area to prevent formation of vapour. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep cool.

Incompatible products : Strong bases. Strong acids. Strong oxidizing agent.

Incompatible materials : Sources of ignition. Direct sunlight.

#### 7.3. Specific end use(s)

Use only with detector tester RE6. Use only in accordance with directions.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

| Test gas REF8-S                        |                                |
|----------------------------------------|--------------------------------|
| Ireland - Occupational Exposure Limits |                                |
| Local name                             | Propane                        |
| OEL TWA [2]                            | 1000 ppm                       |
| isobutane (75-28-5)                    |                                |
| Ireland - Occupational Exposure Limits |                                |
| Local name                             | Butane, all isomers: Isobutane |

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|                                               |                                                                                                                                                                                              |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>isobutane (75-28-5)</b>                    |                                                                                                                                                                                              |
| OEL STEL [ppm]                                | 1000 ppm                                                                                                                                                                                     |
| Regulatory reference                          | Chemical Agents Code of Practice 2021                                                                                                                                                        |
| <b>propane (74-98-6)</b>                      |                                                                                                                                                                                              |
| <b>Ireland - Occupational Exposure Limits</b> |                                                                                                                                                                                              |
| Local name                                    | Aliphatic hydrocarbon gases Alkanes (C1-C3): Propane                                                                                                                                         |
| Remark                                        | Asphx. (Gaseous chemical substances which may not produce significant physiological effects in the exposed employee, but when present in high concentrations will act as simple asphyxiants) |
| Regulatory reference                          | Chemical Agents Code of Practice 2021                                                                                                                                                        |

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### 8.2.2.1. Eye and face protection

##### Eye protection:

Sealed safety goggles. EN 166

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear proper protective equipment

##### Hand protection:

Contact of refrigerant and/or packaging with skin may cause frostbite. In case of repeated or prolonged contact wear gloves. Since the product consists of several substances, the durability of the glove material cannot be estimated and needs to be tested before use

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| Hand protection                        |                       |                   |                |             |            |
|----------------------------------------|-----------------------|-------------------|----------------|-------------|------------|
| Type                                   | Material              | Permeation        | Thickness (mm) | Penetration | Standard   |
| Chemically resistant protective gloves | Fluoro rubber (Viton) | 6 (> 480 minutes) |                | 3 (> 0.65)  | EN ISO 374 |
|                                        | Nitrile rubber (NBR)  | 3 (> 60 minutes)  |                | 3 (> 0.65)  |            |
|                                        | Butyl rubber          | 1 (> 10 minutes)  |                | 3 (> 0.65)  |            |

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. If the occupational exposure limit is exceeded:

| Respiratory protection |                                                  |           |          |
|------------------------|--------------------------------------------------|-----------|----------|
| Device                 | Filter type                                      | Condition | Standard |
| Aerosol mask           | Type AX - Low-boiling (<65 °C) organic compounds |           |          |

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke during use. Do not pierce or burn, even after use.

## SECTION 9: Physical and chemical properties

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

|                                                 |                                               |
|-------------------------------------------------|-----------------------------------------------|
| Physical state                                  | : Liquid                                      |
| Colour                                          | : Colourless.                                 |
| Odour                                           | : Not available                               |
| Odour threshold                                 | : Not available                               |
| Melting point                                   | : Not applicable                              |
| Freezing point                                  | : Not available                               |
| Boiling point                                   | : -43 °C                                      |
| Flammability                                    | : Extremely flammable aerosol.                |
| Explosive properties                            | : Pressurised container: May burst if heated. |
| Explosive limits                                | : Not available                               |
| Lower explosion limit                           | : Not available                               |
| Upper explosion limit                           | : Not available                               |
| Flash point                                     | : -80 °C                                      |
| Auto-ignition temperature                       | : > 365 °C                                    |
| Decomposition temperature                       | : Not available                               |
| pH                                              | : Not available                               |
| Viscosity, kinematic                            | : Not available                               |
| Solubility                                      | : Material insoluble in water.                |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                               |
| Vapour pressure                                 | : 11.4 bar 50°C                               |
| Vapour pressure at 50 °C                        | : Not available                               |
| Density                                         | : 0.53 g/cm³ 20°C                             |
| Relative density                                | : Not available                               |
| Relative vapour density at 20 °C                | : Not available                               |
| Particle characteristics                        | : Not applicable                              |

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### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

% of flammable ingredients : 100

#### 9.2.2. Other safety characteristics

Minimum test pressure 18 bar overpressure against atmospheric pressure  
Aerosol can leak rate < 10 g/Year

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. May rupture closed container. Extremely flammable aerosol. Pressurised container: May burst if heated.

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Keep away from sources of ignition - No smoking. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizing agent.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Acute toxicity (oral)             | : Not classified (Not applicable) |
| Acute toxicity (dermal)           | : Not classified (Not applicable) |
| Acute toxicity (inhalation)       | : Not classified                  |
| Skin corrosion/irritation         | : Not classified (Not applicable) |
| Serious eye damage/irritation     | : Not classified (Not applicable) |
| Respiratory or skin sensitisation | : Not classified                  |
| Germ cell mutagenicity            | : Not classified                  |
| Carcinogenicity                   | : Not classified                  |
| Additional information            | : No data available               |
| Reproductive toxicity             | : Not classified                  |
| Additional information            | : No data available               |
| STOT-single exposure              | : Not classified                  |
| Additional information            | : No data available               |
| STOT-repeated exposure            | : Not classified                  |
| Aspiration hazard                 | : Not classified (Not applicable) |

| Test gas REF8-S |         |
|-----------------|---------|
| Vaporizer       | Aerosol |

### 11.2. Information on other hazards

No additional information available

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

#### 12.2. Persistence and degradability

Biodegradable.

#### 12.3. Bioaccumulative potential

| Test gas REF8-S           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Endocrine disrupting properties

No additional information available

#### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

European List of Waste (LoW) code : 15 01 10\* - packaging containing residues of or contaminated by dangerous substances

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### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                                                               | IMDG                                                                              | IATA                                                                              | ADN                                                                                 | RID                                                                                 |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>14.1. UN number or ID number</b>                                               |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| UN 1950                                                                           | UN 1950                                                                           | UN 1950                                                                           | UN 1950                                                                             | UN 1950                                                                             |
| <b>14.2. UN proper shipping name</b>                                              |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| AEROSOLS                                                                          | AEROSOLS, FLAMMABLE                                                               | AEROSOLS, FLAMMABLE                                                               | AEROSOLS, FLAMMABLE                                                                 | AEROSOLS                                                                            |
| <b>Transport document description</b>                                             |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| UN 1950 AEROSOLS, 2.1, (D)                                                        | UN 1950 AEROSOLS, FLAMMABLE, 2.1                                                  | UN 1950 AEROSOLS, FLAMMABLE, 2.1                                                  | UN 1950 AEROSOLS, FLAMMABLE, 2.1                                                    | UN 1950 AEROSOLS, 2.1                                                               |
| <b>14.3. Transport hazard class(es)</b>                                           |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| 2.1                                                                               | 2.1                                                                               | 2.1                                                                               | 2.1                                                                                 | 2.1                                                                                 |
|  |  |  |  |  |
| <b>14.4. Packing group</b>                                                        |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| Not applicable                                                                    | Not applicable                                                                    | Not applicable                                                                    | Not applicable                                                                      | Not applicable                                                                      |
| <b>14.5. Environmental hazards</b>                                                |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| Dangerous for the environment: No                                                 | Dangerous for the environment: No<br>Marine pollutant: No                         | Dangerous for the environment: No                                                 | Dangerous for the environment: No                                                   | Dangerous for the environment: No                                                   |
| No supplementary information available                                            |                                                                                   |                                                                                   |                                                                                     |                                                                                     |

### 14.6. Special precautions for user

#### Overland transport

|                                                                         |                      |
|-------------------------------------------------------------------------|----------------------|
| Classification code (ADR)                                               | : 5F                 |
| Special provisions (ADR)                                                | : 190, 327, 344, 625 |
| Limited quantities (ADR)                                                | : 1I                 |
| Excepted quantities (ADR)                                               | : E0                 |
| Packing instructions (ADR)                                              | : P207, LP200        |
| Special packing provisions (ADR)                                        | : PP87, RR6, L2      |
| Mixed packing provisions (ADR)                                          | : MP9                |
| Transport category (ADR)                                                | : 2                  |
| Special provisions for carriage - Packages (ADR)                        | : V14                |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV9, CV12          |
| Special provisions for carriage - Operation (ADR)                       | : S2                 |
| Tunnel restriction code (ADR)                                           | : D                  |

#### Transport by sea

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Special provisions (IMDG)         | : 63, 190, 277, 327, 344, 381, 959 |
| Packing instructions (IMDG)       | : P207, LP200                      |
| Special packing provisions (IMDG) | : PP87, L2                         |
| EmS-No. (Fire)                    | : F-D                              |
| EmS-No. (Spillage)                | : S-U                              |
| Stowage category (IMDG)           | : None                             |
| Stowage and handling (IMDG)       | : SW1, SW22                        |
| Segregation (IMDG)                | : SG69                             |

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### Air transport

|                                              |                    |
|----------------------------------------------|--------------------|
| PCA Excepted quantities (IATA)               | : E0               |
| PCA Limited quantities (IATA)                | : Y203             |
| PCA limited quantity max net quantity (IATA) | : 30kgG            |
| PCA packing instructions (IATA)              | : 203              |
| PCA max net quantity (IATA)                  | : 75kg             |
| CAO packing instructions (IATA)              | : 203              |
| CAO max net quantity (IATA)                  | : 150kg            |
| Special provisions (IATA)                    | : A145, A167, A802 |
| ERG code (IATA)                              | : 10L              |

### Inland waterway transport

|                                   |                      |
|-----------------------------------|----------------------|
| Classification code (ADN)         | : 5F                 |
| Special provisions (ADN)          | : 190, 327, 344, 625 |
| Limited quantities (ADN)          | : 1 L                |
| Excepted quantities (ADN)         | : E0                 |
| Equipment required (ADN)          | : PP, EX, A          |
| Ventilation (ADN)                 | : VE01, VE04         |
| Number of blue cones/lights (ADN) | : 1                  |

### Rail transport

|                                                                         |                      |
|-------------------------------------------------------------------------|----------------------|
| Classification code (RID)                                               | : 5F                 |
| Special provisions (RID)                                                | : 190, 327, 344, 625 |
| Limited quantities (RID)                                                | : 1L                 |
| Excepted quantities (RID)                                               | : E0                 |
| Packing instructions (RID)                                              | : P207, LP200        |
| Special packing provisions (RID)                                        | : PP87, RR6, L2      |
| Mixed packing provisions (RID)                                          | : MP9                |
| Transport category (RID)                                                | : 2                  |
| Special provisions for carriage – Packages (RID)                        | : W14                |
| Special provisions for carriage - Loading, unloading and handling (RID) | : CW9, CW12          |
| Colis express (express parcels) (RID)                                   | : CE2                |
| Hazard identification number (RID)                                      | : 23                 |

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 16: Other information

| Indication of changes |                                                                 |          |          |
|-----------------------|-----------------------------------------------------------------|----------|----------|
| Section               | Changed item                                                    | Change   | Comments |
|                       | Version, Revision date                                          | Modified |          |
| 1.1                   | UFI Code                                                        | Added    |          |
| 3                     | Composition/information on ingredients                          | Modified |          |
| 4.1                   | First-aid measures after ingestion                              | Added    |          |
| 13                    | European List of Waste (LoW) code                               | Added    |          |
| 16                    | Other information                                               | Added    |          |
| 16                    | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Added    |          |

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

| Full text of H- and EUH-statements: |                                             |
|-------------------------------------|---------------------------------------------|
| Flam. Gas 1A                        | Flammable gases, Category 1A                |
| H220                                | Extremely flammable gas.                    |
| H222                                | Extremely flammable aerosol.                |
| H229                                | Pressurised container: May burst if heated. |
| Press. Gas                          | Gases under pressure                        |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: |           |                       |
|---------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------|
| Aerosol 1                                                                                                                 | H222;H229 | On basis of test data |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.