

**SAFETY DATA SHEET****Sanglier Sanitising Surface Cleaner .f Canister**

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

**Product name** Sanglier Sanitising Surface Cleaner .f Canister  
**Container size** 14.7kg  
**REACH registration notes** All chemicals used in this product have been registered under REACH where required.

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

**Identified uses** Disinfectant.

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

**Supplier** Sanglier Ltd  
Shelley Close  
Lowmoor Business Park  
Kirkby in Ashfield  
NG17 7JZ  
  
Tel: 01623 722661  
Fax: 01623 885971  
Email: customer.services@sanglier.org.uk

**1.4. Emergency telephone number**

**Emergency telephone** UK +44 (0) 1623 722661 (Mon-Fri 09:00-17:00)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

**Physical hazards** Flam. Gas 1 - H220 Press. Gas (Liq.) - H280  
**Health hazards** Not Classified  
**Environmental hazards** Not Classified

**2.2. Label elements****Hazard pictograms**

**Signal word** Danger

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

## Sanglier Sanitising Surface Cleaner .f Canister

<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P261 Avoid breathing spray.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Supplementary precautionary statements</b>	<p>P211 Do not spray on an open flame or other ignition source.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.</p> <p>P381 In case of leakage, eliminate all ignition sources.</p> <p>P405 Store locked up.</p> <p>P410+P403 Protect from sunlight. Store in a well-ventilated place.</p>

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Ethanol</b> <span style="float: right;"><b>30-60%</b></span>
CAS number: 64-17-5 <span style="margin-left: 150px;">EC number: 200-578-6</span> <span style="float: right;">REACH registration number: 01-2119457610-43-XXXX</span>
<b>Classification</b> Flam. Liq. 2 - H225
<b>DIMETHYL ETHER</b> <span style="float: right;"><b>30-60%</b></span>
CAS number: 115-10-6 <span style="margin-left: 150px;">EC number: 204-065-8</span> <span style="float: right;">REACH registration number: 01-2119472128-37-XXXX</span>
<b>Classification</b> Flam. Gas 1 - H220 Press. Gas (Liq.) - H280
<b>Hydrogen peroxide</b> <span style="float: right;"><b>&lt;1%</b></span>
CAS number: 7722-84-1 <span style="margin-left: 150px;">EC number: 231-765-0</span> <span style="float: right;">REACH registration number: 01-2119485845-22-XXXX</span>
<b>Classification</b> Ox. Liq. 1 - H271 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 1 - H330 Skin Corr. 1A - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Chronic 3 - H412

## Sanglier Sanitising Surface Cleaner .f Canister

<b>TURPENTINE, OIL</b>	<b>&lt;1%</b>
CAS number: 8006-64-2	EC number: 232-350-7
<b>Classification</b> Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention. Place unconscious person on their side in the recovery position and ensure breathing can take place.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.
<b>Skin contact</b>	Use suitable lotion to moisturise skin. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Continue to rinse for at least 15 minutes and get medical attention. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

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

<b>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	May cause nausea, headache, dizziness and intoxication. If large quantities are involved: Central nervous system depression. Stomach pain.
<b>Skin contact</b>	May cause skin irritation/eczema. Repeated exposure may cause skin dryness or cracking.
<b>Eye contact</b>	Causes serious eye damage.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Water spray, foam, dry powder or carbon dioxide. Cool containers exposed to flames with water until well after the fire is out.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Specific hazards</b>	Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. May explode when heated or when exposed to flames or sparks.
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## Sanglier Sanitising Surface Cleaner .f Canister

**Hazardous combustion products** Oxides of carbon.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Use water to keep fire exposed containers cool and disperse vapours. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** For personal protection, see Section 8.

**For non-emergency personnel** For the greatest protection, clothing should include anti-static overalls, boots and gloves.

**For emergency responders** For the greatest protection, clothing should include anti-static overalls, boots and gloves.

### 6.2. Environmental precautions

**Environmental precautions** Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air). Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Eliminate all sources of ignition. Contain spillage with sand, earth or other suitable non-combustible material. Collect and dispose of spillage as indicated in Section 13. Provide adequate ventilation. Wash thoroughly after dealing with a spillage.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Provide adequate general and local exhaust ventilation.

**Advice on general occupational hygiene** Good personal hygiene procedures should be implemented.

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

**Storage precautions** Store in tightly-closed, original container in a dry and cool place. Keep container in a well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Storage class** Flammable Gas

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Ethanol

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

##### DIMETHYL ETHER

## Sanglier Sanitising Surface Cleaner .f Canister

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

### Hydrogen peroxide

Long-term exposure limit (8-hour TWA): 1 ppm 1.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 2 ppm 3 mg/m<sup>3</sup>

### TURPENTINE, OIL

Long-term exposure limit (8-hour TWA): WEL 100 ppm 566 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 150 ppm 850 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

### DIMETHYL ETHER (CAS: 115-10-6)

#### PNEC

- Fresh water; 0,155 mg/l
- Intermittent release, Water; 1,549 mg/l
- Water; 160 mg/l
- marine water; 0,016 mg/l
- Sediment (Freshwater); 0,681 mg/l
- Sediment (Marinewater); 0,069 mg/l
- Soil; 0,045 mg/l

### Hydrogen peroxide (CAS: 7722-84-1)

#### DNEL

Workers - Inhalation; Short term local effects: 3 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term systemic effects: 1.4 mg/m<sup>3</sup>  
 General population - Inhalation; Short term systemic effects: 1.93 mg/m<sup>3</sup>  
 General population - Inhalation; Long term local effects: 0.21 mg/m<sup>3</sup>

#### PNEC

Fresh water; 0.0126 mg/l  
 marine water; 0.0126 mg/l  
 Intermittent release; 0.0138 mg/l  
 Sediment (Freshwater); 0.047 mg/kg  
 Sediment (Marinewater); 0.047 mg/kg  
 Soil; 0.0023 mg/kg

## 8.2. Exposure controls

### Protective equipment



#### Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

#### Personal protection

Wear protective clothing.

#### Eye/face protection

Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166. Provide eyewash station.

## Sanglier Sanitising Surface Cleaner .f Canister

<b>Hand protection</b>	Nitrile rubber. >360 min The selected gloves should have a breakthrough time of at least 2 hours. To protect hands from chemicals, gloves should comply with European Standard EN374. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. The breakthrough time for any glove material may be different for different glove manufacturers. When used with mixtures, the protection time of gloves cannot be accurately estimated.
<b>Hygiene measures</b>	Good personal hygiene procedures should be implemented. When using do not eat, drink or smoke.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Short term Gas filter, type AX.
<b>Thermal hazards</b>	Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.
<b>Environmental exposure controls</b>	Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Alcoholic.
<b>Initial boiling point and range</b>	78°C ethanol
<b>Flash point</b>	A flash point method is not available for aerosols, but the major hazardous component, the propellant (Dimethyl ether) has a flash point of <-41°C with flammability limits of 3.3% vol. upper and 26.2% vol. lower.
<b>Relative density</b>	Liquid base: 0.80-0.85 @ 20°C
<b>Viscosity</b>	Liquid base: <50 cP @ 20°C

#### 9.2. Other information

<b>Volatile organic compound</b>	This product contains a maximum VOC content of 90 %.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, no hazardous reactions will occur.
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#### 10.4. Conditions to avoid

## Sanglier Sanitising Surface Cleaner .f Canister

**Conditions to avoid** Avoid exposure to high temperatures or direct sunlight. Heat, sparks, flames.

### 10.5. Incompatible materials

**Materials to avoid** Oxidising agents. Acids. Alkalis.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Carbon monoxide (CO).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**Summary** Based on available data the classification criteria are not met.

#### Acute toxicity - dermal

**Summary** Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

**Summary** Based on available data the classification criteria are not met.

**ATE inhalation (vapours mg/l)** 161.9

#### Skin corrosion/irritation

**Summary** Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Summary** Based on available data the classification criteria are not met.

#### Respiratory sensitisation

**Summary** Based on available data the classification criteria are not met.

#### Skin sensitisation

**Summary** Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Summary** Based on available data the classification criteria are not met.

#### Carcinogenicity

**Summary** Based on available data the classification criteria are not met.

#### Reproductive toxicity

**Summary** Based on available data the classification criteria are not met.

#### Specific target organ toxicity - single exposure

**Summary** Based on available data the classification criteria are not met.

#### Specific target organ toxicity - repeated exposure

**Summary** Based on available data the classification criteria are not met.

#### Aspiration hazard

**Summary** Based on available data the classification criteria are not met.

### Toxicological information on ingredients.

#### Ethanol

#### Acute toxicity - oral

## Sanglier Sanitising Surface Cleaner .f Canister

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 1,501.0

**Species** Rat

**Acute toxicity - inhalation**

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 5,900.0

**Species** Rat

**ATE inhalation (vapours mg/l)** 5,900.0

### DIMETHYL ETHER

**Acute toxicity - oral**

**Notes (oral LD<sub>50</sub>)** Not applicable.

**Acute toxicity - dermal**

**Notes (dermal LD<sub>50</sub>)** Not applicable.

**Acute toxicity - inhalation**

**Notes (inhalation LC<sub>50</sub>)** 164000 ppm, Inhalation, Rat

**Skin corrosion/irritation**

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

**Serious eye damage/irritation**

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

**Respiratory sensitisation**

**Respiratory sensitisation** Based on available data the classification criteria are not met.

**Skin sensitisation**

**Skin sensitisation** Based on available data the classification criteria are not met.

**Germ cell mutagenicity**

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

**Carcinogenicity**

**Carcinogenicity** Based on available data the classification criteria are not met.

**Reproductive toxicity**

**Reproductive toxicity - fertility** This substance has no evidence of toxicity to reproduction.

**Specific target organ toxicity - repeated exposure**

**STOT - repeated exposure** Based on available data the classification criteria are not met.

**Skin contact**

Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.



## Sanglier Sanitising Surface Cleaner .f Canister

**Medical symptoms** Symptoms following overexposure may include the following: Arrhythmia (deviation from normal heart beat).

### Hydrogen peroxide

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 1,100.0

Species Rat

ATE oral (mg/kg) 1,100.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,000.0

Species Rat

ATE dermal (mg/kg) 2,000.0

#### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 0.17

Species Rat

ATE inhalation (vapours mg/l) 0.17

### Alpha-Terpinene

#### Acute toxicity - oral

ATE oral (mg/kg) 500.0

## SECTION 12: Ecological information

**Ecotoxicity** Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

### 12.1. Toxicity

**Toxicity** The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

### Ecological information on ingredients.

#### DIMETHYL ETHER

#### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: >4000 mg/l, Poecilia reticulata (Guppy)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: >4000 mg/l, Daphnia magna  
LC<sub>50</sub>, 48 hours: 755,549 mg/l, Daphnia magna

#### Limonene

#### Chronic aquatic toxicity

M factor (Chronic) 1

## Sanglier Sanitising Surface Cleaner .f Canister

### Alpha Cedrene

#### Chronic aquatic toxicity

NOEC	0.01 < NOEC ≤ 0.1
Degradability	Non-rapidly degradable
M factor (Chronic)	1

### 1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYL-INDENO[5,6-C]PYRAN

#### Chronic aquatic toxicity

NOEC	0.01 < NOEC ≤ 0.1
Degradability	Non-rapidly degradable
M factor (Chronic)	1

### Pinenes

#### Acute aquatic toxicity

LE(C) <sub>50</sub>	0.1 < L(E)C <sub>50</sub> ≤ 1
M factor (Acute)	1

#### Chronic aquatic toxicity

M factor (Chronic)	1
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### Terpinolene

#### Chronic aquatic toxicity

NOEC	0.01 < NOEC ≤ 0.1
Degradability	Non-rapidly degradable
M factor (Chronic)	1

### 1,3,5-undecatriene

#### Chronic aquatic toxicity

M factor (Chronic)	1
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### d-LIMONENE

#### Chronic aquatic toxicity

M factor (Chronic)	1
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## 12.2. Persistence and degradability

**Persistence and degradability** The product is readily biodegradable.

## Ecological information on ingredients.

### DIMETHYL ETHER

Persistence and degradability	Not readily biodegradable.
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## 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available.

## Sanglier Sanitising Surface Cleaner .f Canister

### Ecological information on ingredients.

#### DIMETHYL ETHER

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** No data available.

### Ecological information on ingredients.

#### DIMETHYL ETHER

**Mobility** Koc: 7,759

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### Ecological information on ingredients.

#### DIMETHYL ETHER

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Do not puncture or incinerate, even when empty. Avoid the spillage or runoff entering drains, sewers or watercourses. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

**Waste class** Empty Canister: 15 01 10 (Containing hazardous residue), Empty Canister: 15 01 04 (No hazardous residues), Full or Partially Empty Canister: 16 05 04.

## SECTION 14: Transport information

### 14.1. UN number

<b>UN No. (ADR/RID)</b>	3501
<b>UN No. (IMDG)</b>	3501
<b>UN No. (ICAO)</b>	3501
<b>UN No. (ADN)</b>	3501

### 14.2. UN proper shipping name

<b>Proper shipping name (ADR/RID)</b>	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (ETHANOL, DIMETHYL ETHER)
<b>Proper shipping name (IMDG)</b>	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (ETHANOL, DIMETHYL ETHER)
<b>Proper shipping name (ICAO)</b>	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (ETHANOL, DIMETHYL ETHER)
<b>Proper shipping name (ADN)</b>	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (ETHANOL, DIMETHYL ETHER)

## Sanglier Sanitising Surface Cleaner .f Canister

### 14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID classification code	8F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

### Transport labels



### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Emergency Action Code	2YE
Hazard Identification Number (ADR/RID)	23
Tunnel restriction code	(B/D)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

<b>EU legislation</b>	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). 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 (as amended).
<b>Guidance</b>	Health and Safety Executive (HSE)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

## Sanglier Sanitising Surface Cleaner .f Canister

<b>Classification procedures according to Regulation (EC) 1272/2008</b>	Flam. Gas 1 - H220, Press. Gas (Liq.) - H280: Weight of evidence.
<b>Issued by</b>	Technical Department
<b>Revision date</b>	01/05/2020
<b>Revision</b>	1
<b>SDS number</b>	22143
<b>Hazard statements in full</b>	H220 Extremely flammable gas. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H271 May cause fire or explosion; strong oxidiser. H280 Contains gas under pressure; may explode if heated. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H332 Harmful if inhaled. H335 May cause respiratory irritation. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.