



## SAFETY DATA SHEET

### UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

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** UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

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

**Identified uses** Disinfectant. Sanitiser Spray For professional use only

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

**Supplier** Paragon Protection Systems Ltd  
The Steading, Inchcoonans, Perthshire, PH2 7RB  
01738 260025  
sales@zapp.group

**Manufacturer** Paragon Protection Systems Ltd  
The Steading, Inchcoonans, Perthshire, PH2 7RB  
01738 260025  
sales@zapp.group

##### 1.4. Emergency telephone number

**Emergency telephone** Zappshelter - 01738 260025

**National emergency telephone number** UK Tel: 999 - For Emergency services - Ambulance, Police and Fire services Tel: 111 - When you need medical advice or treatment but it is not an emergency.

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

**Physical hazards** Aerosol 1 - H222, H229

**Health hazards** Not Classified

**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Hazard pictograms



**Signal word** Danger

**Hazard statements** H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated.

**Additional information** For professional users only.

## UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P280 Wear eye protection.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Biocide Labelling</b>	<p>This product contains active substance - N-ALKYL (68% C12, 32%C14) DIMETHYL-ETHYLBENZYL AMMONIUM CHLORIDES / N-ALKYL (60% C14, 30%C16, 5%C12, 5%C18) DIMETHYLBENZYL AMMONIUM CHLORIDES</p>
<b>Supplementary precautionary statements</b>	<p>P261 Avoid breathing spray.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P338 Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p>

### 2.3. Other hazards

Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>dimethyl ether</b>	<b>30-60%</b>
CAS number: 115-10-6	EC number: 204-065-8
	REACH registration number: 01-2119472128-37-XXXX
<b>Classification</b>	
Flam. Gas 1A - H220	
Press. Gas (Comp.) - H280	
<b>1-METHOXY-2-PROPANOL</b>	<b>10-17%</b>
CAS number: 107-98-2	EC number: 203-539-1
<b>Classification</b>	
Flam. Liq. 3 - H226	
STOT SE 3 - H336	

## UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

<b>N-ALKYL (68% C12, 32%C14) DIMETHYL-ETHYLBENZYL AMMONIUM CHLORIDES</b> <span style="float: right;"><b>&lt;1%</b></span>
CAS number: 85409-23-0 M factor (Acute) = 10
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400
<b>N-ALKYL (60% C14, 30%C16, 5%C12, 5%C18) DIMETHYL-BENZYL AMMONIUM CHLORIDES</b> <span style="float: right;"><b>&lt;1%</b></span>
CAS number: 68391-01-5 M factor (Acute) = 10
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400

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>General information</b>	If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink.
<b>Skin contact</b>	In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

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

<b>General information</b>	See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	May cause discomfort.
<b>Ingestion</b>	May cause discomfort.

## UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

**Skin contact** May cause skin sensitisation or allergic reactions in sensitive individuals. Prolonged or repeated exposure may cause the following adverse effects: Dryness and/or cracking.

**Eye contact** May be slightly irritating to eyes.

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

**Notes for the doctor** Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire. Use carbon dioxide or dry powder to extinguish.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards** Containers can burst violently or explode when heated, due to excessive pressure build-up. Bursting aerosol containers may be propelled from a fire at high speed. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Harmful gases or vapours.

### **5.3. Advice for firefighters**

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. 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. If risk of water pollution occurs, notify appropriate authorities.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## **SECTION 6: Accidental release measures**

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Risk of explosion. Provide adequate ventilation.

### **6.2. Environmental precautions**

**Environmental precautions** Collect and place in suitable waste disposal containers and seal securely. Avoid discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Under normal conditions of handling and storage, spillages from aerosol containers are unlikely. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. If the product is soluble in water, dilute the spillage with water and mop it up. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### **6.4. Reference to other sections**

## UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not handle until all safety precautions have been read and understood. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

**Advice on general occupational hygiene** Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.

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

**Storage precautions** Store at temperatures between 10°C and 25°C. Store away from incompatible materials (see Section 10). Store in accordance with national regulations. Keep away from oxidising materials, heat and flames. Keep containers upright. Do not store near heat sources or expose to high temperatures. Do not expose to temperatures exceeding 50°C/122°F.

**Storage class** Flammable compressed gas storage.

#### 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

##### dimethyl ether

Long-term exposure limit (8-hour TWA): WEL 400 ppm 766 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 958 mg/m<sup>3</sup>

##### 1-METHOXY-2-PROPANOL

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 375 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 560 mg/m<sup>3</sup>(Sk)

WEL = Workplace Exposure Limit.

##### dimethyl ether (CAS: 115-10-6)

**DNEL** Workers - Inhalation; Long term systemic effects: 1894 mg/m<sup>3</sup>  
General population - Inhalation; Long term systemic effects: 471 mg/m<sup>3</sup>

**PNEC**

- Fresh water; 0.155 mg/l
- marine water; 0.016 mg/l
- Intermittent release; 1.549 mg/l
- STP; 160 mg/l
- Sediment (Freshwater); 0.681 mg/kg
- Sediment (Marinewater); 0.069 mg/kg
- Soil; 0.045 mg/kg

#### 8.2. Exposure controls

## UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

### Protective equipment



### Appropriate engineering controls

Ensure control measures are regularly inspected and maintained. Provide adequate ventilation. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

### Hand protection

For users with sensitive skin, it is recommended that suitable protective gloves are worn.

### Hygiene measures

Good personal hygiene procedures should be implemented. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.

### Environmental exposure controls

Keep container tightly sealed when not in use.

## SECTION 9: Physical and chemical properties

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

Appearance	Aerosol.
Colour	Clear liquid.
Odour	Characteristic.
Odour threshold	Not available.
pH	5.0-6.0
Melting point	Not available.
Initial boiling point and range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	≥ 0.75
Solubility(ies)	Not available.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.

## UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Non-viscous
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

<b>Other information</b>	No information required.
<b>Volatile organic compound</b>	Not known.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	Stable at normal ambient temperatures and when used as recommended.
-------------------	---

### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
------------------	---

### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Hazardous reactions will not occur under normal transport or storage conditions Decomposition may occur on exposure to conditions or materials listed below.
---	---

### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid exposing aerosol containers to high temperatures or direct sunlight. Containers can burst violently or explode when heated, due to excessive pressure build-up.
----------------------------	---

### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong oxidising agents. Strong acids.
---------------------------	--

### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Thermal decomposition or combustion products may include the following substances: Acrid smoke or fumes.
---	--

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Other health effects</b>	No data available.
-----------------------------	--------------------

#### Acute toxicity - oral

<b>Notes (oral LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
-------------------------------------	--

#### Acute toxicity - dermal

<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
---------------------------------------	--

#### Acute toxicity - inhalation

<b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
---	--

#### Skin corrosion/irritation

<b>Skin corrosion/irritation</b>	Slightly irritating.
----------------------------------	----------------------

#### Serious eye damage/irritation

<b>Serious eye damage/irritation</b>	There may be irritation and redness.
--------------------------------------	--------------------------------------

#### Respiratory sensitisation

## UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

<b>Respiratory sensitisation</b>	There may be irritation of the throat with a feeling of tightness in the chest.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	May cause an allergic skin reaction.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Based on available data the classification criteria are not met.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	May cause drowsiness or dizziness.
<b>Target organs</b>	Central nervous system
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	No significant hazard.
<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	May cause discomfort.
<b>Ingestion</b>	Due to the physical nature of this product, it is unlikely that ingestion will occur. Possibly harmful in large volumes.
<b>Skin contact</b>	May cause skin sensitisation or allergic reactions in sensitive individuals. Redness.
<b>Eye contact</b>	May be slightly irritating to eyes. May cause discomfort.

### Toxicological information on ingredients.

#### dimethyl ether

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Gene mutation: Negative.

**Genotoxicity - in vivo** Genome mutation: Negative.

##### Carcinogenicity

**Carcinogenicity** NOAEL 2.5 %, Inhalation, Rat

##### Reproductive toxicity

**Reproductive toxicity - development** Developmental toxicity: - NOAEL: 40000 ppm, Inhalation, Rat

##### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEL 2.5 %, Inhalation, Rat



## UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

### 1-METHOXY-2-PROPANOL

#### Skin corrosion/irritation

**Summary** No data available.

#### Serious eye damage/irritation

**Summary** No data available.

#### Skin sensitisation

**Summary** No data available

#### Carcinogenicity

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** Central nervous system (CNS) Respiratory system

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** No information available.

#### Aspiration hazard

**Aspiration hazard** No data available.

**Acute and chronic health hazards** Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

### N-ALKYL (68% C12, 32%C14) DIMETHYL-ETHYLBENZYL AMMONIUM CHLORIDES

#### Acute toxicity - oral

**ATE oral (mg/kg)** 500.0

#### Acute toxicity - dermal

**ATE dermal (mg/kg)** 1,100.0

### N-ALKYL (60% C14, 30%C16, 5%C12, 5%C18) DIMETHYL-BENZYL AMMONIUM CHLORIDES

#### Acute toxicity - oral

**ATE oral (mg/kg)** 684.21

#### Acute toxicity - dermal

**Species** Rat

**ATE dermal (mg/kg)** 1,100.0

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecological information on ingredients.

#### dimethyl ether

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: > 4100 mg/l, Poecilia reticulata (Guppy)  
NOEC, 96 hours: ≥ 4100 mg/l, Poecilia reticulata (Guppy)

## UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

**Acute toxicity - aquatic invertebrates**      EC<sub>50</sub>, 48 hours: > 4400 mg/l, Daphnia magna  
 NOEC, 48 hours: ≥ 4400 mg/l, Daphnia magna

### 1-METHOXY-2-PROPANOL

**Acute aquatic toxicity**

**Acute toxicity - fish**      6 812 mg/L

**Acute toxicity - aquatic invertebrates**      23 300 mg/L

### N-ALKYL (68% C12, 32%C14) DIMETHYL-ETHYLBENZYL AMMONIUM CHLORIDES

**Acute aquatic toxicity**

**LE(C)<sub>50</sub>**      0.01 < L(E)C<sub>50</sub> ≤ 0.1

**M factor (Acute)**      10

### N-ALKYL (60% C14, 30%C16, 5%C12, 5%C18) DIMETHYL-BENZYL AMMONIUM CHLORIDES

**Acute aquatic toxicity**

**LE(C)<sub>50</sub>**      0.01 < L(E)C<sub>50</sub> ≤ 0.1

**M factor (Acute)**      10

#### 12.2. Persistence and degradability

**Persistence and degradability**    There are no data on the degradability of this product.

#### Ecological information on ingredients.

##### dimethyl ether

**Biodegradation**      Water - Degradation (5%): 28 days  
 No biodegradation observed under test conditions.

### 1-METHOXY-2-PROPANOL

**Persistence and degradability**      Soluble in water Persistence is unlikely based on information available.

**Biodegradation**      No information available.

#### 12.3. Bioaccumulative potential

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

**Partition coefficient**      Not available.

#### Ecological information on ingredients.

##### dimethyl ether

**Partition coefficient**      log Pow: 0.07

### 1-METHOXY-2-PROPANOL

**Partition coefficient**      Not available.

#### 12.4. Mobility in soil

## UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. Readily absorbed into soil.

### Ecological information on ingredients.

#### dimethyl ether

**Mobility** The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 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.

#### 1-METHOXY-2-PROPANOL

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. The generation of waste should be minimised or avoided wherever possible. When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** Do not empty into drains. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Dispose of contents/container in accordance with national regulations.

**Waste class** The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** AEROSOLS

## UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

### 14.3. Transport hazard class(es)

ADR/RID class 2.1

ADR/RID classification code 5F

ADR/RID label 2.1

IMDG class 2.1

ICAO class/division 2.1

ADN class 2.1

### Transport labels



### 14.4. Packing group

ADR/RID packing group None

IMDG packing group None

ICAO packing group None

ADN packing group None

### 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

Tunnel restriction code (D)

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory information

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

National regulations EH40/2005 Workplace exposure limits.  
The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

## UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

**EU legislation**

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).

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).

Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).

**Health and environmental listings**

This product is classified as a cosmetic, under the Cosmetic Products Regulation (as amended) in the European Union. The Statutory list of ingredients is carried on the product label. This product is classified as a biocide, under The Biocidal Product Regulation (BPR, Regulation (EU) 528/2012)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**Abbreviations and acronyms used in the safety data sheet**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC<sub>50</sub>: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

**Classification abbreviations and acronyms**

Aerosol = Aerosol

Skin Irrit. = Skin irritation

Skin Sens. = Skin sensitisation

Asp. Tox. = Aspiration hazard

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

**Classification procedures according to Regulation (EC) 1272/2008**

Aerosol 1 - H222, H229: Expert judgement. Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304, Aquatic Chronic 2 - H411: Calculation method.

**Training advice**

Read and follow manufacturer's recommendations. Only trained personnel should use this material.

**Revision date** 15/12/2020

**Revision** 66

**Supersedes date** 02/12/2020

**SDS number** 24133

## UK - ZAPPTIZER DISINFECTANT SPRAY 500ml

### Hazard statements in full

H220 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H226 Flammable liquid and vapour.  
H229 Pressurised container: may burst if heated.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.  
H400 Very toxic to aquatic life.

### DIRECTIONS FOR USE

### PRODUCT LOGO

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.