















## ettex Foam Cleaner

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions**      The following materials may react strongly with the product: Oxidising agents.

### 10.4. Conditions to avoid

**Conditions to avoid**      Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised container: may burst if heated

### 10.5. Incompatible materials

**Materials to avoid**      No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products**      Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

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

#### Acute toxicity - dermal

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

#### Acute toxicity - inhalation

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

#### Skin corrosion/irritation

**Skin corrosion/irritation**      Repeated exposure may cause skin dryness or cracking.

#### Serious eye damage/irritation

**Serious eye damage/irritation**      Causes serious eye irritation.

#### 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.

#### Carcinogenicity

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

#### IARC carcinogenicity

None of the ingredients are listed or exempt.

#### Reproductive toxicity

**Reproductive toxicity - fertility**      Based on available data the classification criteria are not met.

#### Reproductive toxicity - development

Based on available data the classification criteria are not met.

#### Specific target organ toxicity - single exposure

**STOT - single exposure**      STOT SE 3 - H336 May cause drowsiness or dizziness.

#### Target organs

Central nervous system



## Zettex Foam Cleaner

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

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

### **General information**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

### **Inhalation**

A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.

### **Ingestion**

Due to the physical nature of this product, it is unlikely that ingestion will occur.

### **Skin contact**

Repeated exposure may cause skin dryness or cracking.

### **Eye contact**

Irritating to eyes.

### **Route of exposure**

Ingestion Inhalation Skin and/or eye contact

### **Target organs**

Central nervous system

### Toxicological information on ingredients.

#### Methyl Ethyl Ketone

##### Acute toxicity - oral

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

##### Acute toxicity - dermal

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

##### Acute toxicity - inhalation

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

##### Skin corrosion/irritation

**Skin corrosion/irritation** Repeated exposure may cause skin dryness or cracking.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

##### 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.

##### Carcinogenicity

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

##### IARC carcinogenicity

None of the ingredients are listed or exempt.

##### Reproductive toxicity

## Zettex Foam Cleaner

<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>	STOT SE 3 - H336 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>	Not classified as a specific target organ toxicant after repeated exposure.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.
<b><u>General information</u></b>	
<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	Repeated exposure may cause skin dryness or cracking.
<b>Eye contact</b>	Irritating to eyes.
<b>Target organs</b>	Central nervous system

### SECTION 12: Ecological information

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

#### Ecological information on ingredients.

##### Methyl Ethyl Ketone

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

#### 12.1. Toxicity

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

#### Ecological information on ingredients.

##### Methyl Ethyl Ketone

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

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hour: 1690 mg/l, Lepomis macrochirus (Bluegill)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hour: 308 mg/l, Daphnia magna

## Zettex Foam Cleaner

**Acute toxicity - aquatic plants** LC<sub>50</sub>, 72 hour: 1972 mg/l, Pseudokirchneriella subcapitata

### 12.2. Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

### Ecological information on ingredients.

#### Methyl Ethyl Ketone

**Persistence and degradability** The degradability of the product is not known.

**Biological oxygen demand** > 50%

**Chemical oxygen demand** > 70%

### 12.3. Bioaccumulative potential

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

**Partition coefficient** No information available.

### Ecological information on ingredients.

#### Methyl Ethyl Ketone

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

**Partition coefficient** log Pow: 0,29

### 12.4. Mobility in soil

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

### Ecological information on ingredients.

#### Methyl Ethyl Ketone

**Mobility** The product is water-soluble and may spread in water systems.

**Henry's law constant** 0,0000244 atm m<sup>3</sup>/mol @ 25°C

### 12.5. Results of PBT and vPvB assessment

#### Ecological information on ingredients.

#### Methyl Ethyl Ketone

**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.

### Ecological information on ingredients.

#### Methyl Ethyl Ketone

**Other adverse effects** None known.

## Zettex Foam Cleaner

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. 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. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

**Disposal methods** Do not empty into drains. Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.

### SECTION 14: Transport information

**General** For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

#### 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
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



## Zettex Foam Cleaner

### 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

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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 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

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits. The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).
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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### Inventories

#### EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

## Zettex Foam Cleaner

### SECTION 16: Other information

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.</p> <p>RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.</p> <p>IATA: International Air Transport Association.</p> <p>ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>CAS: Chemical Abstracts Service.</p> <p>ATE: Acute Toxicity Estimate.</p> <p>LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.</p> <p>LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).</p> <p>EC<sub>50</sub>: 50% of maximal Effective Concentration.</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p>
<b>Classification abbreviations and acronyms</b>	<p>Aerosol = Aerosol</p> <p>Eye Irrit. = Eye irritation</p> <p>STOT SE = Specific target organ toxicity-single exposure</p>
<b>Key literature references and sources for data</b>	<p>Information and documents obtained from the owner company of product.</p> <p>Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a></p>
<b>Classification procedures according to Regulation (EC) 1272/2008</b>	<p>Aerosol 1 - H222, H229: : Expert judgement.</p> <p>Eye Irrit. 2 - H319: Calculation method.</p> <p>STOT SE 3 - H336: Calculation method.</p>
<b>Training advice</b>	<p>Read and follow manufacturer's recommendations. Only trained personnel should use this material.</p>
<b>Revision comments</b>	<p>This is the first issue.</p>
<b>Issued by</b>	
<b>Note to organizer</b>	<p>The certificate information is used exclusively for this SDS. No changes can be made to this SDS without the knowledge and approval of the certificate holder or the certificate information can not be used for another SDS. Otherwise, the certificate will assume no responsibility for the owner SDS.</p>
<b>Revision date</b>	22/03/2019
<b>Revision</b>	1.0
<b>Supersedes date</b>	22/03/2019
<b>SDS number</b>	9029
<b>Hazard statements in full</b>	<p>H220 Extremely flammable gas.</p> <p>H222 Extremely flammable aerosol.</p> <p>H225 Highly flammable liquid and vapour.</p> <p>H229 Pressurised container: may burst if heated.</p> <p>H280 Contains gas under pressure; may explode if heated.</p> <p>H319 Causes serious eye irritation.</p> <p>H336 May cause drowsiness or dizziness.</p>

## Zettex Foam Cleaner

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.