

# SAFETY DATA SHEET

## XTREME H2O REPEL

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 XTREME H2O REPEL

Product number 42247

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

Identified uses Waterproofing

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

Supplier Paul Brunngård AB  
Elementgatan 10  
504 64 Borås  
Sweden  
Tel: 46 33 723 23 00  
Fax: 46 33 723 23 23  
info@paulbrunngard.com

#### 1.4. Emergency telephone number

National emergency telephone number 112

### SECTION 2: Hazards identification

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

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

Physical hazards Aerosol 1 - H222, H229

Health hazards Skin Irrit. 2 - H315

Environmental hazards Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Hazard pictograms



Signal word Danger

Hazard statements  
H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated.  
H315 Causes skin irritation.  
H412 Harmful to aquatic life with long lasting effects.

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<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <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>P261 Avoid breathing spray.</p> <p>P271 Use only outdoors or in a well-ventilated area.</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>Supplementary precautionary statements</b>	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</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>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</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

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>BUTANE</b>		<b>50-70%</b>
CAS number: 106-97-8	EC number: 203-448-7	REACH registration number: 01-2119474691-32
<b>Classification</b>		
Flam. Gas 1 - H220		
<b>ETHANOL</b>		<b>15-24.9%</b>
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43
<b>Classification</b>		
Flam. Liq. 2 - H225		
Eye Irrit. 2 - H319		
<b>Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (Heptane)</b>		<b>7.5-9.99%</b>
CAS number: —	EC number: 927-510-4	REACH registration number: 01-2119475515-33-0000
<b>Classification</b>		
Flam. Liq. 2 - H225		
Skin Irrit. 2 - H315		
STOT SE 3 - H336		
Asp. Tox. 1 - H304		
Aquatic Chronic 2 - H411		

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<b>Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</b>		<b>5-7.49%</b>
CAS number: —	EC number: 921-024-6	REACH registration number: 01-2119475514-35-0000
<b>Classification</b>		
Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411		
<b>Hydrocarbons, c9-c11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics (Naphtha (petroleum), hydrotreated heavy (0,1% benzene))</b>		<b>2.5-4.99%</b>
CAS number: —	EC number: 919-857-5	REACH registration number: 01-2119463258-33-0000
<b>Classification</b>		
Flam. Liq. 3 - H226 STOT SE 3 - H336 Asp. Tox. 1 - H304		
<b>PROPANE</b>		<b>2.5-4.99%</b>
CAS number: 74-98-6	EC number: 200-827-9	REACH registration number: 01-2119486944-21
<b>Classification</b>		
Flam. Gas 1 - H220		
<b>C11 - C15 Isoalkanes</b>		<b>1-1.99%</b>
CAS number: 90622-58-5	EC number: 292-460-6	REACH registration number: 01-2119456810-40-XXXX
<b>Classification</b>		
Asp. Tox. 1 - H304		
<b>PENTANE</b>		<b>0.1-0.99%</b>
CAS number: 109-66-0	EC number: 203-692-4	REACH registration number: 01-2119459286-30-0000
<b>Classification</b>		
Flam. Liq. 1 - H224 STOT SE 3 - H336 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**

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### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	Drink a few glasses of water or milk. DO NOT induce vomiting. Get medical attention immediately.
<b>Skin contact</b>	Wash skin thoroughly with soap and water.
<b>Eye contact</b>	Rinse with water. Get medical attention if any discomfort continues.

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

<b>General information</b>	Solvent abuse can kill instantly.
<b>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea. May cause drowsiness or dizziness.
<b>Ingestion</b>	May cause nausea, headache, dizziness and intoxication. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. Due to the physical nature of this product, it is unlikely that ingestion will occur.
<b>Skin contact</b>	May cause skin disorders if contact is repeated or prolonged. Irritating to skin.
<b>Eye contact</b>	May cause temporary eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide or dry powder.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up. Extremely flammable.
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### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Containers close to fire should be removed or cooled with water.
<b>Special protective equipment for firefighters</b>	Wear chemical protective suit. 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

<b>Personal precautions</b>	For personal protection, see Section 8.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid the spillage or runoff entering drains, sewers or watercourses.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Small Spillages: Wipe away with paper or textile fabric.
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### 6.4. Reference to other sections

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**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** Keep away from heat, sparks and open flame. Protect against direct sunlight. Avoid eating, drinking and smoking when using the product.

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

**Storage precautions** Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Keep container dry.

#### 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

##### **BUTANE**

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m<sup>3</sup>

##### **ETHANOL**

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

##### **PROPANE**

Short-term exposure limit (15-minute): WEL No reference standard

##### **PENTANE**

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1800 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

#### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (Heptane)

##### **DNEL**

Workers - Dermal; Short term systemic effects: 300 mg/kg/day  
 Workers - Inhalation; Long term systemic effects: 2085 mg/m<sup>3</sup>  
 Consumer - Dermal; Long term systemic effects: 149 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 447 mg/m<sup>3</sup>

#### Hydrocarbons, c9-c11, n-alkanes, isoalkanes, cyclics, <2% aromatics (Naphtha (petroleum), hydrotreated heavy (0,1% benzene))

##### **DNEL**

Workers - Dermal; Long term systemic effects: 300 mg/kg/day  
 Workers - Inhalation; Long term systemic effects: 1500 mg/m<sup>3</sup>  
 Consumer - Dermal; Long term systemic effects: 300 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 900 mg/m<sup>3</sup>  
 Consumer - Oral; Long term systemic effects: 300 mg/kg/day

#### PENTANE (CAS: 109-66-0)

##### **DNEL**

Workers - Dermal; Long term systemic effects: 432 mg/kg/day  
 Workers - Inhalation; Long term systemic effects: 300 mg/m<sup>3</sup>  
 Consumer - Dermal; Long term systemic effects: 214 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 214 mg/kg/day

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### PNEC

Fresh water; 0,23 mg/l  
 marine water; 0,23 mg/l  
 Intermittent release; 0,88 mg/l  
 STP; 3,6 mg/l  
 Sediment (Freshwater); 1,2 mg/kg/day  
 Soil; 0,55 mg/kg

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

All handling should only take place in well-ventilated areas.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Wear chemical splash goggles.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. Wear protective gloves made of the following material: Nitrile rubber.

#### Other skin and body protection

Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.

#### Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

#### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. When spraying, wear a respirator fitted with the following cartridge: Gas filter, type A2.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Aerosol.
<b>Colour</b>	Colourless.
<b>Odour</b>	Organic solvents.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	Not determined.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	Technical impossibility to obtain the data.
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Other flammability</b>	Not determined.
<b>Vapour pressure</b>	Not determined.

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<b>Vapour density</b>	Not determined.
<b>Relative density</b>	~0,6
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Organic solvents.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not determined.
<b>Explosive under the influence of a flame</b>	Yes
<b>Oxidising properties</b>	Not determined.

### 9.2. Other information

<b>Other information</b>	Not relevant.
<b>Refractive index</b>	Not determined.
<b>Particle size</b>	Not determined.
<b>Molecular weight</b>	Not determined.
<b>Volatility</b>	Highly volatile.
<b>Saturation concentration</b>	Not determined.
<b>Critical temperature</b>	Not determined.
<b>Volatile organic compound</b>	No information required.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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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>	Not known.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Not known.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	No data is available regarding the preparation it self.
<b><u>Acute toxicity - oral</u></b>	
<b>Notes (oral LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Skin irritation.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Based on available data the classification criteria are not met.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Does not contain any substances known to be mutagenic.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Does not contain any substances known to be carcinogenic.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Does not contain any substances known to be toxic to reproduction.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	May cause drowsiness or dizziness.
<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>	Based on available data the classification criteria are not met. Aerosol dispenser. The mist is fine, a pool may not be formed.
<b><u>General information</u></b>	
<b>General information</b>	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.
<b><u>Inhalation</u></b>	
<b>Inhalation</b>	Vapours have a narcotic effect. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. May cause respiratory system irritation. Vapours may cause drowsiness and dizziness.
<b><u>Ingestion</u></b>	
<b>Ingestion</b>	Due to the physical nature of this product, it is unlikely that ingestion will occur. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.
<b><u>Skin contact</u></b>	
<b>Skin contact</b>	May cause skin disorders if contact is repeated or prolonged. Irritating to skin.



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<b>Eye contact</b>	May cause temporary eye irritation.
<b>Acute and chronic health hazards</b>	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Prolonged or repeated exposure to vapours in high concentrations may cause the following adverse effects: Nausea, vomiting. Headache.

### Toxicological information on ingredients.

#### BUTANE

##### 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

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 20.0

Notes (inhalation LC<sub>50</sub>)

#### ETHANOL

##### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 124.7

ATE inhalation (vapours mg/l) 124.7

##### Carcinogenicity

IARC carcinogenicity IARC Group 1 Carcinogenic to humans.

#### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (Heptane)

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 58,400.0

Species Rat

ATE oral (mg/kg) 58,400.0

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 29,200.0

Species Rat

ATE dermal (mg/kg) 29,200.0

##### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 23.3

Species Rat

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ATE inhalation (vapours  
mg/l) 23.3

Hydrocarbons, c9-c11, n-alkanes, isoalkanes, cyclics, <2% aromatics (Naphtha (petroleum), hydrotreated heavy  
(0,1% benzene))

### Acute toxicity - oral

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

Species Rat

### Acute toxicity - dermal

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

Species Rabbit

### Acute toxicity - inhalation

Acute toxicity inhalation  
(LC<sub>50</sub> gases ppmV) 3,400.0

Species Rat

ATE inhalation (gases  
ppm) 3,400.0

## PROPANE

### 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

Acute toxicity inhalation  
(LC<sub>50</sub> vapours mg/l) 20.0

Notes (inhalation LC<sub>50</sub>)

## PENTANE

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 400.0

Species Rat

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 3,000.0

Species Rabbit

### Acute toxicity - inhalation

Acute toxicity inhalation  
(LC<sub>50</sub> vapours mg/l) 364.0

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<b>Species</b>	Rat
<b>ATE inhalation (vapours mg/l)</b>	364.0

### SECTION 12: Ecological information

**Ecotoxicity** There are no data on the ecotoxicity of this product.

#### 12.1. Toxicity

**Toxicity** No data is available regarding the preparation itself.

#### Ecological information on ingredients.

#### BUTANE

##### Acute aquatic toxicity

**Acute toxicity - fish** Highly volatile.  
LC50, 96 hours: 24.11 mg/l,

**Acute toxicity - aquatic invertebrates** Highly volatile.  
EC<sub>50</sub>, 48 hours: 14.22 mg/l, Daphnia magna

#### ETHANOL

##### Acute aquatic toxicity

**Acute toxicity - fish** LC50, 96 hours: ~ 13500 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: ~ 5400 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC<sub>50</sub>, 72 hours: > 10.9 mg/l, Marinewater algae

#### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (Heptane)

##### Acute aquatic toxicity

**Acute toxicity - fish** LC50, 96 hours: >13,4 mg/l, Oncorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 3 mg/l, Daphnia magna

#### Hydrocarbons, c9-c11, n-alkanes, isoalkanes, cyclics, <2% aromatics (Naphtha (petroleum), hydrotreated heavy (0,1% benzene))

##### Acute aquatic toxicity

**Acute toxicity - fish** LC50, 96 hours: > 100 mg/l,

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: > 100 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: > 100 mg/l, Freshwater algae

#### PROPANE

##### Acute aquatic toxicity

**Acute toxicity - aquatic invertebrates** Highly volatile.  
EC<sub>50</sub>, 48 hours: 27.14 mg/l,

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**Acute toxicity - aquatic plants** , : ,

### PENTANE

**Acute aquatic toxicity**

**Acute toxicity - fish** LC50, 96 hours: 4,26 mg/l, Oncorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC50, 48 hours: 2,7-9,1 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC50, 72 hours: 7,51 mg/l, Selenastrum capricornutum

### 12.2. Persistence and degradability

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

### Ecological information on ingredients.

#### BUTANE

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

#### PROPANE

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

**Biodegradation** Water - :

### 12.3. Bioaccumulative potential

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

**Partition coefficient** Not determined.

### Ecological information on ingredients.

#### BUTANE

**Bioaccumulative potential** The product is not bioaccumulating.

#### ETHANOL

**Bioaccumulative potential** BCF: ~ 0.66,

**Partition coefficient** log Pow: ~ -0.32

**Hydrocarbons, c9-c11, n-alkanes, isoalkanes, cyclics, <2% aromatics (Naphtha (petroleum), hydrotreated heavy (0,1% benzene))**

**Bioaccumulative potential** May accumulate in soil and water systems.

**Partition coefficient** log Pow: ~ 2-7

#### PROPANE

**Bioaccumulative potential** The product is not bioaccumulating.

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**Partition coefficient** :

### PENTANE

**Bioaccumulative potential** BCF: 171,

**Partition coefficient** log Pow: 3,4

#### 12.4. Mobility in soil

**Mobility** No information available

#### Ecological information on ingredients.

### BUTANE

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

**Hydrocarbons, c9-c11, n-alkanes, isoalkanes, cyclics, <2% aromatics (Naphtha (petroleum), hydrotreated heavy (0,1% benzene))**

**Mobility** The product contains volatile substances which may spread in the atmosphere.

### PROPANE

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

#### 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.

#### 12.6. Other adverse effects

**Other adverse effects** No information required.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

**General information** The manufacturer of this product complies with the rules and regulations of the European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste, by paying packaging fees for disposal and recycling of packaging waste.

**Disposal methods** The plastic lid and valve are sorted as plastic. Empty aerosols are sorted as scrap metal. Residues and non empty containers should be taken care of as hazardous waste according to local and national regulations.

**Waste class** Non empty containers: EWC code 14 06 03\*  
Empty containers: EWC code 15 01 04.

### **SECTION 14: Transport information**

**General** Aerosols may be carried domestically as limited quantities ( 1L ) as long as each package does not exceed 30 kg in cardboard boxes or 20 kg on trays with shrink- or stretch wrapping. Each package shall be marked with diamond-shaped area, the top and bottom part is black, surrounded by a line that measures at least 100 mm x 100 mm.

#### 14.1. UN number

**UN No. (ADR/RID)** 1950

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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



### 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
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 relevant.

## SECTION 15: Regulatory information

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

National regulations	COUNCIL DIRECTIVE of may 1975 on the approximation of the laws of the Member States relating to aerosol dispensers.
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## XTREME H2O REPEL

**EU legislation** 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).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>General information</b>	A review of safety data sheet with staff to manage the product recommended.
<b>Classification procedures according to Regulation (EC) 1272/2008</b>	Asp. Tox. 1 - H304: Based on available data the classification criteria are not met. Aerosol dispenser. The mist is fine, a pool may not be formed.
<b>Issued by</b>	Martin
<b>Revision date</b>	18/09/2020
<b>Revision</b>	1.1
<b>SDS number</b>	21417
<b>Hazard statements in full</b>	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H224 Extremely flammable liquid and vapour. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: may burst if heated. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. 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.