

## Xenum - X-treme Winter D

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 - Product identifier

Trade name/designation Xenum - X-treme Winter D  
Chemical name  
Product-type Mixture

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

Relevant identified uses - Lubricant and lubricant additive  
Uses advised against - Do not use for medical-clinical purposes.  
- Do not use for products which come into contact with the food stuffs.

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

XENUM NV/SA  
Vluchtenburgstraat 9  
2630 Aartselaar Belgium  
Telephone : +32(0)3 846 48 03  
XENUM HQ: +32(0)3 846 48 03 info@xenum.com

#### 1.4 - Emergency telephone number

B Tel: (+32) 070 245 245 or (+32) 02 264 96 30  
NL Alleen voor professionele hulpverleners: Nationaal Vergiftigingen Informatiecentrum (NVIC): +31(0)3 02 74 88 88

### SECTION 2: Hazards identification

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

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

Asp. Tox. 1	Aspiration hazard - Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3

#### 2.2 - Label elements

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

Contains: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (CAS No.: 1174522-20-3)||Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified (CAS No.: 64742-94-5)

Signal word : Danger

Hazard pictograms



Hazard statements

H304	May be fatal if swallowed and enters airways
H412	Harmful to aquatic life with long lasting effects

Precautionary statements

## Xenum - X-treme Winter D

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P273	Avoid release to the environment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER, a doctor .
P501	Dispose of container in an approved treatment center .
EUH-phrases	
EUH066	Repeated exposure may cause skin dryness or cracking

### 2.3 - Other hazards

PBT-substance. - No information available.

vPvB-substance. - No information available.

Other hazards which do not result in classification - No information available.

## SECTION 3: Composition / information on ingredients

### 3.1 - Substances

Not applicable

### 3.2 - Mixtures

Chemical name	No	%	Class	Spec. concentrations
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	CAS No. : 1174522-20-3 Index No. : EC No. : REACH No. : 01-2119457273-39	60 - <= 80	Asp. Tox. 1 - H304	
Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified	CAS No. : 64742-94-5 Index No. : 649-424-00-3 EC No. : 265-198-5 REACH No. : 01-2119463588-24	5 - < 10	Aquatic Chronic 2 - H411 Asp. Tox. 1 - H304 STOT SE 3 (H336) - H336	
naphthalene	CAS No. : 91-20-3 Index No. : 601-052-00-2 EC No. : 202-049-5	<= 0,1	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Carc. 2 - H351	

## SECTION 4: First aid measures

### 4.1 - Description of first aid measures

Following inhalation - No special measures are necessary.  
- Provide fresh air.

Following skin contact - Wash immediately with: Water  
- When in doubt or if symptoms are observed, get medical advice.

After eye contact - Rinse immediately carefully and thoroughly with eye-bath or water.  
- In case of eye irritation consult an ophthalmologist.

After ingestion - Rinse mouth thoroughly with water.  
- Do NOT induce vomiting.

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

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## Xenum - X-treme Winter D

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Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - No information available.

Symptoms and effects - After eye contact - No information available.

Symptoms and effects - After ingestion - No information available.

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

- Treat symptomatically.

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## SECTION 5: Firefighting measures

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### 5.1 - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO<sub>2</sub>)
- Foam
- Extinguishing powder

Unsuitable extinguishing media - Full water jet

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

Special hazards arising from the substance or mixture - No information available.

Hazardous decomposition products

- Carbon dioxide (CO<sub>2</sub>)
- Carbon monoxide
- Nitrogen oxides (NO<sub>x</sub>)

### 5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

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## SECTION 6: Accidental release measures

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

For non-emergency personnel

- Use personal protection equipment.
- Provide adequate ventilation.

For emergency responders - No information available.

### 6.2 - Environmental precautions

- No information available.

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

Methods and material for containment - No information available.

Methods and material for cleaning up

- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Wash with plenty of water.

Inappropriate techniques - No information available.

### 6.4 - Reference to other sections

## Xenum - X-treme Winter D

- Disposal: see section 13
- Personal protection equipment: see section 8

### SECTION 7: Handling and storage

#### 7.1 - Precautions for safe handling

##### Recommendation

- All work processes must always be designed so that the following is excluded: Inhalation of vapours or spray/mists

##### Advices on general occupational hygiene

- Avoid contact with skin, eyes and clothes.
- Work in well-ventilated zones or use proper respiratory protection.
- When using do not eat, drink, smoke, sniff.
- Immediately remove any contaminated clothing, shoes or stockings.
- Wash hands before breaks and after work.

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

- No information available.

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

- No information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1 - Control parameters

#### 8.2 - Exposure controls

##### Appropriate engineering controls

- No information available.

##### Individual protection measures, such as personal protective equipment

- Suitable protective clothing: lab coat



- Protective gloves



- Permeation: Breakthrough time > 240 min

- EN 374

- EN 420

- EN 455-3 (Rubber gloves)

- Suitable material: PE (polyethylene)

## Xenum - X-treme Winter D

- Suitable material: PVC (Polyvinyl chloride)

- Eye protection



- Recommended thickness of the material:  $\geq 0.5$  mm

- Transmission 8mg/cm<sup>2</sup> for 8h (water vapour 5mg/cm<sup>2</sup>/h)

- Required properties: Type 3  
Liquid-tight

### Environmental exposure controls

- Use the following chemical treatment methods for waste water: Adsorption

## SECTION 9: Physical and chemical properties

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

<u>Physical state</u>	Liquid	<u>Appearance</u>	Liquid
<u>Colour</u>	brown	<u>Odour</u>	characteristic
Odour threshold		No data available	
pH		No data available	
Melting point		No data available	
Freezing point		No data available	
Boiling point		No data available	
Flash point		> 60 °C	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		0,8 % Vol.	
Upper explosion limit		7 % Vol.	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		No data available	
Density		0,8 kg/l < V < 0,9 kg/l	
Solubility (Water)		practically insoluble	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		very soluble	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		No data available	
Decomposition temperature		No data available	
Kinematic viscosity		No data available	

## Xenum - X-treme Winter D

Dynamic viscosity	No data available
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### 9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

## SECTION 10: Stability and reactivity

### 10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

### 10.4 - Conditions to avoid

- No information available.

### 10.5 - Incompatible materials

- No information available.

### 10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

## SECTION 11: Toxicological information

### 11.1 - Information on toxicological effects

Acute toxicity - Not classified

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

Skin corrosion/irritation - Not classified

Serious eye damage/eye irritation - Not classified

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

## Xenum - X-treme Winter D

<u>Reproductive toxicity</u>	- Not classified
<u>STOT-single exposure</u>	- Not classified
<u>STOT-repeated exposure</u>	- Not classified
<u>Aspiration hazard</u>	- Aspiration hazard - Category 1 - May be fatal if swallowed and enters airways

### SECTION 12: Ecological information

#### 12.1 - Toxicity

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics  
(1174522-20-3)

EC50 48 hr crustacea	1000 mg/l
LC50 96 hr fish	1000 mg/l

- Harmful to aquatic life with long lasting effects.

#### 12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

#### 12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

#### 12.4 - Mobility in soil

- No information available.

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

- No information available.

- No information available.

#### 12.6 - Other adverse effects

- No information available.

### SECTION 13: Disposal considerations

## Xenum - X-treme Winter D

### 13.1 - Waste treatment methods

<u>Waste treatment methods</u>	- Dispose of waste according to applicable legislation.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	- No information available.
<u>Community or national or regional provisions</u>	- No information available.

## SECTION 14: Transport information

### 14.1 - UN number

Not applicable

### 14.2 - UN proper shipping name

### 14.3 - Transport hazard class(es)

### 14.4 - Packing group

### 14.5 - Environmental hazards

### 14.6 - Special precautions for user

### 14.7 - Transport in bulk according to 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

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII None

VOC content No data available

### 15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

## SECTION 16: Other information

### SDS versions

Version	Issue date	Description of the amendments
2	28/08/2018	Formulation
1	19/12/2016	

### Texts of the regulatory sentences

Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3



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## Xenum - X-treme Winter D

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Asp. Tox. 1	Aspiration hazard - Category 1
Carc. 2	Carcinogenicity - Category 2
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H351	Suspected of causing cancer - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)

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