

## Xenum - XP 100

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

#### 1.1 - Product identifier

Trade name/designation Xenum - XP 100  
Chemical name  
Product-type Mixture

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

Relevant identified uses - Lubricants, greases, release products  
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

BelgiumPoison Centre. Tel: (+32) 070 245 245 or (+32) 02 264 96 30

### SECTION 2: Hazards identification

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

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

Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
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#### 2.2 - Label elements

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

Signal word : None  
Pictograms : None  
Hazard statements

H412	Harmful to aquatic life with long lasting effects
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Precautionary statements

P102	Keep out of reach of children
P273	Avoid release to the environment
P501	Dispose of contents/container to an accredited treatment center

EUH-phrases

EUH208	Contains long-chain alkyl dithio thiadiazole   alkyl methacrylate. May produce an allergic reaction
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#### 2.3 - Other hazards

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<u>PBT-substance.</u>	- No information available.
<u>vPvB-substance.</u>	- No information available.
<u>Other hazards which do not result in classification</u>	- No information available.

### SECTION 3: Composition / information on ingredients

#### 3.1 - Substances

Not applicable

#### 3.2 - Mixtures

Chemical name	No	%	Class	Spec. concentrations
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	CAS No. : 72623-87-1 Index No. : EC No. : 276-738-4 REACH No. : 01-2119474889-13	25 - 50	Asp. Tox. 1 - H304	
Methacrylate Copolymer	CAS No. : - Index No. : EC No. : 931-551-3	5 - 10	Eye Irrit. 2 - H319	
bis(nonylphenyl)amine	CAS No. : 36878-20-3 Index No. : EC No. : 253-249-4 REACH No. : 01-2119488911-28	0,1 - 2,5	Aquatic Chronic 4 - H413	
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs.	CAS No. : 61791-44-4 Index No. : EC No. : 263-177-5	0,1 - 2,5	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 Eye Dam. 1 - H318 Skin Corr. 1C - H314	
5-(dodecylthio)-1,3,4-thiadiazole-2(3H)-thione	CAS No. : 50530-43-3 Index No. : EC No. : 256-616-7	< 1	Skin Sens. 1 - H317	
3-(isodecyloxy)propylamine	CAS No. : 30113-45-2 Index No. : EC No. : 250-056-7 REACH No. : 01-2119533071-54	< 1	Acute Tox. 4 Oral - H302 Aquatic Chronic 1 - H410 Skin Corr. 1B - H314	

### SECTION 4: First aid measures

#### 4.1 - Description of first aid measures

<u>Following inhalation</u>	- No special measures are necessary. - Provide fresh air.
<u>Following skin contact</u>	- Wash immediately with: Water - When in doubt or if symptoms are observed, get medical advice.
<u>After eye contact</u>	- Rinse immediately carefully and thoroughly with eye-bath or water. - In case of eye irritation consult an ophthalmologist.
<u>After ingestion</u>	- Rinse mouth thoroughly with water. - Do NOT induce vomiting.

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

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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

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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 - High power 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 - No information available.

#### 5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.
- Do not allow run-off from fire-fighting to enter drains or water courses.

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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

- Disposal: see section 13

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- Personal protection equipment: see section 8

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### SECTION 7: Handling and storage

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#### 7.1 - Precautions for safe handling

Recommendation - No special technical protective measures are necessary.

Advices on general occupational hygiene - No information available.

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

- No information available.

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

- No information available.

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### SECTION 8: Exposure controls/personal protection

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#### 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



- Eye protection



- Protective gloves



- Permeation: Breakthrough time > 240 min

- EN 455-3 (Rubber gloves)

- Suitable material: Butyl caoutchouc (butyl rubber)

- Suitable material: NBR (Nitrile rubber)

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- Suitable material: NR (natural rubber, natural latex)

- Suitable material: PE (polyethylene)

- Suitable material: PVC (Polyvinyl chloride)

- 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		-48 °C	
Boiling point		No data available	
Flash point		206 °C	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		No data available	
Upper explosion limit		No data available	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		No data available	
Density		0,867 g/cm <sup>3</sup>	
Solubility (Water)		practically insoluble	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	

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Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	66,8 mm <sup>2</sup> /s
Dynamic viscosity	No data available

### 9.2 - Other information

VOC content	0 %
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.

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)

LD50 oral (rat)	> 5000 mg/kg
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LD50 dermal (rat)	> 2000 mg/kg
LC50 inhalation dusts and mists (rat)	2,18 mg/l

<u>Skin corrosion/irritation</u>	- Not classified
<u>Serious eye damage/eye irritation</u>	- Not classified
<u>Respiratory or skin sensitisation</u>	- Not classified
<u>Germ cell mutagenicity</u>	- Not classified
<u>Carcinogenicity</u>	- Not classified
<u>Reproductive toxicity</u>	- Not classified
<u>STOT-single exposure</u>	- Not classified
<u>STOT-repeated exposure</u>	- Not classified
<u>Aspiration hazard</u>	- Not classified

### 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

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)

LC50 96 hr fish	> 100 mg/l
ErC50 other aquatic plants	> 10000 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.

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### 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.

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## SECTION 13: Disposal considerations

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### 13.1 - Waste treatment methods

Waste treatment methods - Dispose of waste according to applicable legislation.

Sewage disposal - No information available.

Special precautions for waste treatment - No information available.

Community or national or regional provisions - No information available.

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## SECTION 14: Transport information

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### 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

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## SECTION 15: Regulatory information

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### 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 0 %

### 15.2 - Chemical Safety Assessment

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



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### SECTION 16: Other information

#### SDS versions

Version	Issue date	Description of the amendments
1,01	21/11/2018	
1	30/11/2016	

#### 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 — Chronic Hazard, Category 3
Aquatic Chronic 4	Hazardous to the aquatic environment - Aquatic Chronic 4
Asp. Tox. 1	Aspiration hazard - Category 1
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation - Category 2
H412	Harmful to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Corr. 1C	Skin corrosion, Category 1C
Skin Sens. 1	Skin sensitization - Category 1

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