

Xenum - XP 100

SECTION 1 - Identification of the substance/mixture and of the company/undertaking

1.1. - Product identifier

Trade name Xenum - XP 100
Chemical name
Product-type Mixture
Product code 3246100

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

Relevant identified uses of the substance or mixture - Lubricants, greases, release products
Uses advised against of the substance or mixture - 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
Phone +32(0)3 846 48 03
XENUM HQ: +32(0)3 846 48 03 info@xenum.com

1.4. - Emergency telephone number

- Poison Centre. 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

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

Signal word
Hazard pictograms

Hazard statements

H412	Harmful to aquatic life with long lasting effects
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Precautionary statements

P273	Avoid release to the environment
P501	Dispose of contents/container to an accredited treatment center

EUH-phrases

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

PBT substance or mixture - No information available.

vPvB substance or mixture - 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
Distillates (petroleum), solvent-dewaxed heavy paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbon	CAS No. : 64742-65-0 Index No. : 649-474-00-6 EC No. : 265-169-7 REACH No. : 01-2119471299-27	25 - 50	Asp. Tox. 1 - H304	
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by treating light vacuum gas oil, heavy vacuum gas oil and solvent deasphalted residual oil with hydrogen in the p	CAS No. : 72623-87-1 Index No. : 649-483-00-5 EC No. : 276-738-4	25 - 50	Asp. Tox. 1 - H304	
methacrylate copolymer	CAS No. : Index No. : EC No. :	2,5 - 10	Eye Irrit. 2 - H319	
Alkoxy Sulfolane	CAS No. : Index No. : EC No. :	1 - 2,5	Aquatic Chronic 2 - H411	
long-chain alkyl dithio thiadiazole	CAS No. : Index No. : EC No. :	0 - 0,1	Skin Sens. 1 - H317	
alkyl methacrylate	CAS No. : Index No. : EC No. :	0 - 0,1	Aquatic Acute 1 - H400 Eye Irrit. 2 - H319 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 STOT SE 3 (H335) - H335	
alkyl-alkoxyamine	CAS No. : Index No. : EC No. :	0 - 0,1	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Skin Corr. 1B - H314	

SECTION 4 - First aid measures

4.1. - Description of first aid measures

Measures in case of inhalation - No special measures are necessary.

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	- Provide fresh air.
<u>Measures in case of contact with skin</u>	- Wash immediately with: Water - When in doubt or if symptoms are observed, get medical advice.
<u>Measures in case of contact with eyes</u>	- Rinse immediately carefully and thoroughly with eye-bath or water. - In case of eye irritation consult an ophthalmologist.
<u>Measures in case of ingestion</u>	- Rinse mouth thoroughly with water. - Do NOT induce vomiting.

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

<u>Symptoms and effects after inhalation</u>	- No information available.
<u>Symptoms and effects after contact with skin</u>	- No information available.
<u>Symptoms and effects after contact with eyes</u>	- No information available.
<u>Symptoms and effects after ingestion</u>	- No information available.

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

- Treat symptomatically.

SECTION 5 - Firefighting measures

5.1. - Extinguishing media

<u>Suitable extinguishing media</u>	- ABC-powder - Carbon dioxide (CO ₂) - Foam - Extinguishing powder
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<u>Unsuitable extinguishing media</u>	- High power water jet
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5.2. - Special hazards arising from the substance or mixture

<u>Special hazards</u>	- No information available.
<u>Decomposition products</u>	- No information available.

5.3. - Advice for firefighters

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

SECTION 6 - Accidental release measures

6.1. - Personal precautions, protective equipment and emergency procedures

<u>For non-emergency personnel</u>	- Use personal protection equipment. - Provide adequate ventilation.
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<u>For emergency responders</u>	- No information available.
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6.2. - Environmental precautions

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- No information available.

6.3. - Methods and material for containment and cleaning up

Appropriate containment techniques - No information available.

Appropriate clean-up procedures - 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
- Personal protection equipment: see section 8

SECTION 7 - Handling and storage

7.1. - Precautions for safe handling

Recommendations - No special technical protective measures are necessary.

Advice 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)

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

- Eye protection

- Suitable gloves type: Disposable gloves



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- Suitable material: NBR (Nitrile rubber)

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

- Suitable material: PE (polyethylene)

- Suitable material: PVC (Polyvinyl chloride)

- Transmission 8mg/cm² for 8h (water vapour 5mg/cm²/h)

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>Color</u>	brown	<u>Odor</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		0,6 % Vol.	
Upper explosion limit		7 % Vol.	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		No data available	
Density		No data available	
Solubility (Water)		poorly soluble	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC - Partition coefficient: n-octanol/water		No data available	

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Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	67 mm ² /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.

Alkoxy Sulfolane ()	
LD50 oral (rat)	5000 mg/kg
LD50 dermal (rat)	2000 mg/kg

Skin corrosion/irritation - Not classified

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<u>Serious eye damage/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>Specific target organ toxicity - Single exposure</u>	- Not classified
<u>Specific target organ toxicity - 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

Alkoxy Sulfolane ()

EC50 48 hr crustacea	2,5 mg/l
LC50 96 hr fish	4,2 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 - Partition coefficient: n-octanol/water	No data available

- No indication of bioaccumulation potential.

12.4. - Mobility in soil

- No information available.

12.5. - Results of PBT and vPvB assessment

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- No information available.

- No information available.

12.6. - Other adverse effects

- No information available.

SECTION 13 - Disposal considerations

13.1. - Waste treatment methods

Appropriate methods of waste treatment - 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.

SECTION 14 - Transport information

14.1. - UN number

14.2. - UN proper shipping name

14.3. - Transport hazard class(es)

ADR Classification code :

14.4. - Packing group

14.5. - Environmental hazards

Environmental hazards :

Marine pollutant :

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

Components in the list of
Reach candidates None

Components in Annex XIV None

Components in Annex XVII None

VOC content 0 %

15.2. - Chemical safety assessment

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

SECTION 16 - Other information

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SDS versions

Version No.	Date of issue	Description of the amendments
1	30/11/2016	

Texts of the regulatory sentences

Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Eye irritation - Category 2
H350	May cause cancer - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H412	Harmful to aquatic life with long lasting effects
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1	Skin sensitization - Category 1
STOT SE 3 (H335)	Specific target organ toxicity - Single exposure, Category 3, Respiratory tract irritation

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