

## Xenum - Ultimax Petrol Conditioner

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

#### 1.1 - Product identifier

Trade name/designation Xenum - Ultimax Petrol Conditioner  
Chemical name  
Product-type Mixture

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

Relevant identified uses - Fuel and fuel 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

BelgiumPoison 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

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

Muta. 1B	Germ cell mutagenicity, Category 1B
Carc. 1B	Carcinogenicity - Category 1B
Repr. 1A	Reproductive toxicity, Category 1A
Asp. Tox. 1	Aspiration hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2

#### 2.2 - Label elements

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

Contains: Naphtha (petroleum), hydrotreated heavy, Low boiling point hydrogen treated naphtha, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F).] (CAS No.: 64742-48-9)||Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified (CAS No.: 64742-94-5)||Ferrocene (CAS No.: 102-54-5)

Signal word : Danger

Hazard pictograms



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### Hazard statements

H304	May be fatal if swallowed and enters airways
H340	May cause genetic defects
H350	May cause cancer
H360	May damage fertility or the unborn child
H411	Toxic to aquatic life with long lasting effects

### Precautionary statements

P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P201	Obtain special instructions before use
P280	Wear protective gloves, eye protection
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P405	Store locked up

### EUH-phrases

EUH208	Contains ethylenediamine, 1,2-diaminoethane (107-15-3). May produce an allergic reaction
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### 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
Naphtha (petroleum), hydrotreated heavy, Low boiling point hydrogen treated naphtha, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F).]	CAS No. : 64742-48-9 Index No. : 649-327-00-6 EC No. : 265-150-3	40 - 50	Asp. Tox. 1 - H304 Carc. 1B - H350 Muta. 1B - H340	
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	

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Chemical name	No	%	Class	Spec. concentrations
naphthalene	CAS No. : 91-20-3 Index No. : 601-052-00-2 EC No. : 202-049-5	< 2,5	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Carc. 2 - H351	
Ferrocene	CAS No. : 102-54-5 Index No. : EC No. : 203-039-3	0,1 - 0,5	Acute Tox. 4 Inhalation - H332 Acute Tox. 4 Oral - H302 Aquatic Chronic 1 - H410 Flam. Sol. 1 - H228 Repr. 1A (H360FD) - H360FD STOT RE 2 - H373	
ethylenediamine, 1,2-diaminoethane	CAS No. : 107-15-3 Index No. : 612-006-00-6 EC No. : 203-468-6	0,1 - 0,5	Acute Tox. 4 Dermal - H312 Acute Tox. 4 Oral - H302 Flam. Liq. 3 - H226 Resp. Sens. 1 - H334 Skin Corr. 1B - H314 Skin Sens. 1 - H317	

### 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

<u>Symptoms and effects - Following inhalation</u>	- No information available.
<u>Symptoms and effects - Following skin contact</u>	- No information available.
<u>Symptoms and effects - After eye contact</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 (CO2) - Foam - Extinguishing powder
<u>Unsuitable extinguishing media</u>	- High power water jet

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

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

### 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

- Disposal: see section 13  
- 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.

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Individual protection measures, such as personal protective equipment - Suitable protective clothing: lab coat



### 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>	colourless	<u>Odour</u>	characteristic
Odour threshold		No data available	
pH		No data available	
Melting point		< 0 °C	
Freezing point		No data available	
Boiling point		160 °C	
Flash point		66 °C	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		0,7 % Vol.	
Upper explosion limit		7 % Vol.	
Vapour pressure		0,95 Pa	
Vapour density		No data available	
Relative density		No data available	
Density		0,91 g/cm <sup>3</sup>	
Solubility (Water)		No data available	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
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	
Dynamic viscosity		No data available	

#### 9.2 - Other information

VOC content	99,01 %
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.

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### 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 - Germ cell mutagenicity, Category 1B - May cause genetic defects

Carcinogenicity - Carcinogenicity - Category 1B - May cause cancer

Reproductive toxicity - Reproductive toxicity, Category 1A - May damage fertility or the unborn child

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - 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

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NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- Toxic 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

### 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.

## SECTION 14: Transport information

### 14.1 - UN number

UN number (ADR) : UN3082

UN number (IMDG) : UN3082

### 14.2 - UN proper shipping name

UN proper shipping name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

UN proper shipping name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

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### 14.3 - Transport hazard class(es)

<u>ADR Transport hazard class(es)</u>	:	9
<u>ADR Classification code:</u>	:	M6
<u>Pictograms</u>		
<u>Transport hazard class(es) (IMDG)</u>	:	9
<u>Pictograms</u>		

### 14.4 - Packing group

<u>Packing group</u>	:	III
<u>Packing group (IMDG)</u>	:	III

### 14.5 - Environmental hazards

<u>Environmental hazards</u>	:	Yes.
<u>Marine pollutant</u>	:	Hazardous to the aquatic environment — Chronic Hazard, Category 2

### 14.6 - Special precautions for user

#### **ADR**

<u>ADR Classification code:</u>	:	M6
<u>ADR Special provisions</u>	:	274+335+375+601
<u>ADR Limited quantity (LQ)</u>	:	5 L
<u>ADR Excepted quantities</u>	:	E1
<u>ADR Packing instructions</u>	:	P001 IBC03 LP01 R001
<u>ADR Special packing provisions</u>	:	PP1
<u>ADR Mixed packing provisions</u>	:	MP19
<u>Instructions for portable tanks and bulk containers</u>	:	T4
<u>Special provisions for portable tanks and bulk containers</u>	:	TP1 TP29
<u>ADR tank code</u>	:	LGBV
<u>ADR tanks special provisions</u>	:	
<u>Vehicle for tank carriage</u>	:	AT
<u>ADR Transport category</u>	:	3
<u>ADR Tunnel restriction code</u>	:	E
<u>ADR Special provisions loading, unloading and handling</u>	:	CV13
<u>Special provisions - Packages</u>	:	V12
<u>Special provisions - Bulk</u>	:	
<u>Special provisions - Operation</u>	:	
<u>ADR Hazard identification number (Kemler No.)</u>	:	90



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### IMDG

<u>Special provisions</u>	:	274, 909, 944
<u>Limited quantity (LQ)</u>	:	5L
<u>Excepted quantities</u>	:	
<u>Packing instructions</u>	:	IBC03
<u>Special packing provisions</u>	:	P001 , LP001
<u>IBC instruction(s)</u>	:	IBC03
<u>IBC provisions</u>	:	-
<u>Instructions for portable tanks and bulk containers</u>	:	T1
<u>Special provisions for portable tanks and bulk containers</u>	:	TP2, TP29
<u>EmS codes</u>	:	F-A, S-F
<u>Stowage and handling</u>	:	
<u>Segregation</u>	:	Category A
<u>Properties and observations</u>	:	

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

<u>Substances REACH candidates</u>	None
<u>Substances Annex XIV</u>	None
<u>Substances Annex XVII</u>	None
<u>VOC content</u>	99,01 %

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
1,02	28/03/2018	
1,01	24/02/2017	IMDG-Code - personal protection
1	26/04/2016	

#### Texts of the regulatory sentences

Acute Tox. 4 Dermal	Acute toxicity (dermal) - Category 4
Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4
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 — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1

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Carc. 1B	Carcinogenicity - Category 1B
Carc. 2	Carcinogenicity - Category 2
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
Flam. Sol. 1	Flammable solid. - Category 1
H226	Flammable liquid and vapour
H228	Flammable solid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H360	May damage fertility or the unborn child
H360FD(U)	May damage fertility. May damage the unborn child
H373	May cause damage to organs or state all organs affected, if known through prolonged or repeated exposure - 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
H411	Toxic to aquatic life with long lasting effects
Muta. 1B	Germ cell mutagenicity, Category 1B
Repr. 1A	Reproductive toxicity, Category 1A
Repr. 1A (H360FD )	Reproductive toxicity - Category 1A (H360FD)
Resp. Sens. 1	Sensitisation — Respiratory, category 1
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Sens. 1	Skin sensitization - Category 1
STOT RE 2	STOT-repeated exposure - Category 2
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)

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