

XENUM - Ultimax Diesel Conditioner

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

1.1. - Product identifier

Trade name XENUM - Ultimax Diesel Conditioner

Chemical name

Product-type Mixture

Product code 3222350

Index No.

EC No.

CAS No.

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

Relevant identified uses of the substance or mixture

- Fuel and fuel additive

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

+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

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

Czech RepublicToxicological Information Centre Telefon: +420 224 919 293, +420 224 915 402

GermanyGiftnotruf der Charité CBF, Tel.: + 49 (0) 30/19240

NorwayPoison Centre. Tel: (+47) 22 59 13 00

SpainToxicology Information Service. Tel: (+34) 91 562 04 20

ItalyCentro Antiveleni Firenze Tel (+39)055 794.7819

SECTION 2 - Hazards identification

2.1. - Classification of the substance or mixture

Acute Tox. 4 Oral	Acute toxicity (oral), Category 4
Muta. 1B	Germ cell mutagenicity, Category 1B
Carc. 1B	Carcinogenicity - Category 1B
Carc. 2	Carcinogenicity, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard, Category 2

2.2. - Label elements

Contains: (CAS No.: 64742-94-5)naphthalene (CAS No.: 91-20-3)||2-EthylhexylNitrate (CAS No.: 27247-96-7)||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)

XENUM - Ultimax Diesel Conditioner

Signal word Danger
Hazard pictograms



Hazard statements

H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
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
P202	Do not handle until all safety precautions have been read and understood
P280	Wear protective gloves, face protection
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P405	Store locked up

EUH-phrases

EUH208	Contains 3,6,9-triazaundecamethylenediamine, tetraethylenepentamine (112-57-2) . 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

XENUM - Ultimax Diesel Conditioner

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	54,45	Asp. Tox. 1 - H304 Carc. 1B - H350 Muta. 1B - H340	
2-Ethylhexylnitrate	CAS No. : 27247-96-7 Index No. : EC No. : 248-363-6 REACH No. : 01-2119487289-20	16	Acute Tox. 4 Dermal - H312 Acute Tox. 4 Inhalation - H332 Acute Tox. 4 Oral - H302 Aquatic Chronic 2 - H411	
Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified, [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of	CAS No. : 64742-94-5 Index No. : 649-424-00-3 EC No. : 265-198-5 REACH No. : 01-2119463588-24	10,125	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	1,4	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Carc. 2 - H351	
3,6,9-triazaundecamethylenediamine, tetraethylenepentamine	CAS No. : 112-57-2 Index No. : 612-060-00-0 EC No. : 203-986-2	0,2	Acute Tox. 4 Dermal - H312 Acute Tox. 4 Oral - H302 Aquatic Chronic 2 - H411 Skin Corr. 1B - H314 Skin Sens. 1 - H317	

SECTION 4 - First aid measures

4.1. - Description of first aid measures

Measures in case of inhalation

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

Measures in case of contact with skin

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

Measures in case of contact with eyes

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

Measures in case of ingestion

- Seek medical advice immediately.
- Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.
- Rinse mouth thoroughly with water.
- Medical treatment necessary.

XENUM - Ultimax Diesel Conditioner

- When in doubt or if symptoms are observed, get medical advice.

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

Symptoms and effects after inhalation - No information available.

Symptoms and effects after contact with skin - No information available.

Symptoms and effects after contact with eyes - 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. Antidotal dispensation.

SECTION 5 - Firefighting measures

5.1. - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO₂)
- Foam
- Extinguishing powder

Unsuitable extinguishing media - High power water jet

5.2. - Special hazards arising from the substance or mixture

Special hazards - No information available.

Decomposition products

- Carbon dioxide (CO₂)
- Carbon monoxide

5.3. - Advice for firefighters

- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
- Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6 - Accidental release measures

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

- Do not allow to enter into surface water or drains.
- Ensure waste is collected and contained.

6.3. - Methods and material for containment and cleaning up

Appropriate containment techniques - Soak up inert absorbent and dispose as waste requiring special attention.

XENUM - Ultimax Diesel Conditioner

Appropriate clean-up procedures

- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Take up carefully when dry.
- Clear contaminated areas thoroughly.
- Clean contaminated articles and floor according to the environmental legislation.

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

- After use replace the closing cap immediately.
- Avoid exposure - obtain special instructions before use.

Advice on general occupational hygiene

- Wash contaminated clothing prior to re-use.
- When using do not eat, drink, smoke, sniff.
- Thorough skin-cleansing after handling the product.
- Wash hands before breaks and after work.

7.2. - Conditions for safe storage, including any incompatibilities

- Storage class Non-combustible substances of acute toxicity, category 1 and 2 / very toxic substances (liquid)
- Do not store together with: Food and feedingstuffs

7.3. - Specific end use(s)

- No information available.

SECTION 8 - Exposure controls/personal protection

8.1. - Control parameters

- No information available.

8.2. - Exposure controls

Appropriate engineering controls

- No information available.

Individual protection measures, such as personal protective equipment

- Tested protective gloves must be worn
- Suitable protective clothing: lab coat

Environmental exposure controls

- Further information: see technical data sheet.

SECTION 9 - Physical and chemical properties

9.1. - Information on basic physical and chemical properties

XENUM - Ultimax Diesel Conditioner

<u>Physical state</u>	Liquid	<u>Appearance</u>	Liquid
<u>Color</u>	colourless	<u>Odor</u>	characteristic
Odour threshold		No data available	
pH		No data available	
Melting point		> 0 °C	
Freezing point		No data available	
Boiling point		175 °C	
Flash point		68 °C	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		No data available	
Upper explosion limit		No data available	
Vapour pressure		0,95 hPa	
Vapour density		No data available	
Relative density		No data available	
Density		0,84 g/cm3	
Solubility (Water)		insoluble	
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	
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	55,66 %
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

XENUM - Ultimax Diesel Conditioner

- 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 - Acute toxicity (oral), Category 4 - Harmful if swallowed

LD50 oral (rat)	> 500 mg/kg
LD50 dermal (rat)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	7,86 mg/l

- No information available.

Skin corrosion/irritation - Not classified

Serious eye damage/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
- Carcinogenicity, Category 2 - Suspected of causing cancer

Reproductive toxicity - Not classified

Specific target organ toxicity - Single exposure - Not classified

- data lacking

Specific target organ toxicity - 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	100 mg/l < V < 1000 mg/l
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

- Toxic to aquatic life with long lasting effects.

XENUM - Ultimax Diesel Conditioner

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

- No information available.

- No information available.

12.6. - Other adverse effects

- No information available.

SECTION 13 - Disposal considerations

13.1. - Waste treatment methods

<u>Appropriate methods of waste treatment</u>	- Dispose of waste according to applicable legislation.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	- Waste requires special monitoring. - Collect the waste separately. - Send to a hazardous waste incinerator facility under observation of official regulations. - The waste is to be kept separate from other types of waste until its disposal.
<u>Community or national or regional provisions</u>	- No information available.

SECTION 14 - Transport information

14.1. - UN number

Substance name : Not applicable
UN number (ADR) : UN3082

14.2. - UN proper shipping name

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

XENUM - Ultimax Diesel Conditioner

14.3. - Transport hazard class(es)

ADR Class : 9
ADR Classification code : M6
Pictograms

14.4. - Packing group

Packing group : III

14.5. - Environmental hazards

Environmental hazards : Yes
Marine pollutant : Hazardous to the aquatic environment - Chronic Hazard, Category 2

14.6. - Special precautions for user

ADR

ADR Classification code : M6
ADR Special provisions : 274+335+375+601
ADR Limited quantities : 5 L
ADR Excepted quantities : E1
ADR Packing instructions : P001 IBC03 LP01 R001
ADR Special packing provisions : PP1
ADR Mixed packing provisions : MP19
Instructions for portable tanks and bulk containers : T4
Special provisions for portable tanks and bulk containers : TP1 TP29
ADR tank code : LGBV
ADR tanks special provisions :
Vehicle for tank carriage : AT
ADR Transport category : 3
ADR Tunnel restriction code : E
ADR Special provisions loading, unloading and handling : CV13
ADR Hazard Identification No. : 90

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 : 55,66 %

15.2. - Chemical safety assessment

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

XENUM - Ultimax Diesel Conditioner

SECTION 16 - Other information

SDS versions

Version No.	Date of issue	Description of the amendments
1	2/04/2016	

Texts of the regulatory sentences

Acute Tox. 4 Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4 Inhalation	Acute toxicity (inhal.), Category 4
Acute Tox. 4 Oral	Acute toxicity (oral), Category 4
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
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity - Category 1B
Carc. 2	Carcinogenicity, Category 2
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
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
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
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Sens. 1	Skin sensitization - Category 1
STOT SE 3 (H336)	Specific target organ toxicity - Single exposure, Category 3, Respiratory tract irritation