

XENUM - PRO LL 5W30

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

1.1. - Product identifier

Trade name XENUM - PRO LL 5W30
Chemical name
Product-type Mixture

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

<u>Relevant identified uses of the substance or mixture</u>	- Lubricant and lubricant additive
<u>Uses advised against of the substance or mixture</u>	- 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

SECTION 2 - Hazards identification

2.1. - Classification of the substance or mixture

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

Not Classified	Not classified
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2.2. - Label elements

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

Signal word : None
Pictograms : None
Hazard statements : None
Precautionary statements : None
EUH-phrases

EUH210	Safety data sheet available on request
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2.3. - Other hazards

<u>PBT substance or mixture</u>	- No information available.
<u>vPvB substance or mixture</u>	- No information available.
<u>Other hazards which do not result in classification</u>	- People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this preparation.

SECTION 3 - Composition/information on ingredients

XENUM - PRO LL 5W30

3.1. - Substances

Not applicable

3.2. - Mixtures

Chemical name	No	%	Class	Spec. concentrations
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyp henyl)propionate	CAS No. : 125643-61-0 Index No. : 607-530-00-7 EC No. : 406-040-9 REACH No. : 01-2119864287-27	2,5 - 10	Aquatic Chronic 4 - H413	
Distillates (petroleum), hydrotreated heavy paraffinic	CAS No. : 64742-54-7 Index No. : EC No. : 265-157-1 REACH No. : 01-2119484627-25	25 - 50	Asp. Tox. 1 - H304	

SECTION 4 - First aid measures

4.1. - Description of first aid measures

<u>Measures in case of inhalation</u>	- No special measures are necessary. - 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>	- If decomposition products are inhaled the following symptoms can occur: Allergic reactions
<u>Symptoms and effects after contact with skin</u>	- No information available.
<u>Symptoms and effects after contact with eyes</u>	- The following symptoms may occur: Impairment of vision
<u>Symptoms and effects after ingestion</u>	- The following symptoms may occur: Drowsiness

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

XENUM - PRO LL 5W30

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

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

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

- 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

- Safe handling: see section 7

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)

- No information available.

SECTION 8 - Exposure controls/personal protection

8.1. - Control parameters

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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



- EN 455-3 (Rubber gloves)

- Suitable material: Butyl caoutchouc (butyl rubber)

- Suitable material: NBR (Nitrile rubber)

- Suitable material: PE (polyethylene)

- Suitable material: PVC (Polyvinyl chloride)

- Suitable eye protection: Eye glasses with side protection



- Recommended thickness of the material: ≥ 0.5 mm

- Transmission $8\text{mg}/\text{cm}^2$ for 8h (water vapour $5\text{mg}/\text{cm}^2/\text{h}$)

- 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

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<u>Physical state</u>	Liquid	<u>Appearance</u>
<u>Color</u>		<u>Odor</u>
Odour threshold		No data available
pH		No data available
Melting point		-45 °C
Freezing point		No data available
Boiling point		No data available
Flash point		> 110 °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		0,853 g/cm ³
Solubility (Water)		No data available
Solubility (Ethanol)		No data available
Solubility (Acetone)		No data available
Solubility (Organic solvents)		No data available
Log Kow - Partition coefficient: n-octanol/water		No data available
Auto-ignition temperature		No data available
Decomposition temperature		No data available
Kinematic viscosity		69,5 mm ² /s @40°C
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

XENUM - PRO LL 5W30

- 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.

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
LD50 dermal (rat)	> 5000 mg/kg
LD50 dermal (rabbit)	> 5000 mg/kg
LC50 inhalation dusts and mists (rat)	> 5 mg/l

Skin corrosion/irritation - Not classified

Serious eye damage/irritation - Not classified

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

Specific target organ toxicity - Single exposure - Not classified

Specific target organ toxicity - Repeated exposure - Not classified

Aspiration hazard - 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

XENUM - PRO LL 5W30

NOEC chronic other aquatic plants	No data available
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- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

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 Kow - 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

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 - 13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils
- Recycle according to official regulations.

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

XENUM - PRO LL 5W30

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

SDS versions

Version No.	Date of issue	Description of the amendments
1	11/12/2017	

Texts of the regulatory sentences

Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
H413	May cause long lasting harmful effects to aquatic life
Not Classified	Not classified

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