

Xenum - Super G

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

1.1. - Product identifier

Trade name Xenum - Super G
Chemical name
Product-type Mixture
Product code 3116301

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

Relevant identified uses of the substance or mixture - Lubricant and lubricant 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

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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

| | |
|----------------|----------------|
| Not Classified | Not classified |
|----------------|----------------|

2.2. - Label elements

Signal word
Hazard pictograms

Hazard statements

Precautionary statements

EUH-phrases

2.3. - Other hazards

PBT substance or mixture - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

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| | |
|--|--|
| <u>vPvB substance or mixture</u> | - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII. |
| <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 |
|--|---|---------|---|----------------------|
| Phosphorordithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr) esters, zinc salts | CAS No. : 84605-29-8 Index No. : EC No. : 283-392-8 REACH No. : 01-2119493626-26 | 1 - 5 | Aquatic Chronic 2 - H411 Eye Dam. 1 - H318 Skin Irrit. 2 - H315 | |
| Distillates (petroleum), hydrotreated heavy paraffinic, Baseoil - unspecified, [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 | CAS No. : 64742-54-7 Index No. : 649-467-00-8 EC No. : 265-157-1 REACH No. : 01-2119484627-25 | 10 - 15 | 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> | - 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.

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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 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

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

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- No information available.

7.3. - Specific end use(s)

- No information available.

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



Environmental exposure controls - No information available.

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> | Black | <u>Odor</u> | characteristic |
| Odour threshold | | No data available | |
| pH | | No data available | |
| Melting point | | < 0 °C | |
| Freezing point | | No data available | |
| Boiling point | | > 200 °C | |
| Flash point | | > 200 °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 | | 0,89 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 KOC - Partition coefficient: n-octanol/water | | No data available | |

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| | |
|---------------------------|-------------------|
| Auto-ignition temperature | > 300 °C |
| Decomposition temperature | No data available |
| Kinematic viscosity | No data available |
| 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.

Skin corrosion/irritation - Not classified

Serious eye damage/irritation - Not classified

Respiratory or skin sensitisation - Not classified

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| | |
|---|------------------|
| <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 | 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 |

- 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 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

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6. - Other adverse effects

- No information available.

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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

SDS versions

| Version No. | Date of issue | Description of the amendments |
|-------------|---------------|-------------------------------|
| 1 | 6/12/2016 | |

Texts of the regulatory sentences

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| | |
|-------------------|---|
| Aquatic Chronic 2 | Hazardous to the aquatic environment - Chronic Hazard, Category 2 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Dam. 1 | Serious eye damage, Category 1 |
| H350 | May cause cancer - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard |
| Not Classified | Not classified |
| Skin Irrit. 2 | Irritation, Category 2 |

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