

---

## XENUM - VRX 5W40

---

---

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

---

#### 1.1. - Product identifier

Trade name XENUM - VRX 5W40  
Chemical name  
Product-type Mixture  
Product code 1587001

#### 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 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

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 - No information available.

vPvB substance or mixture - No information available.

## XENUM - VRX 5W40

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	50 - 100	Asp. Tox. 1 - H304	
zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)	CAS No. : 93819-94-4 Index No. : EC No. : 298-577-9 REACH No. : 01-2119543726-33	0,1 - 1	Aquatic Chronic 2 - H411 Eye Dam. 1 - H318 Skin Irrit. 2 - H315	

### 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 - Rinse mouth thoroughly with water.  
- Do NOT induce vomiting.

#### 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.

### SECTION 5 - Firefighting measures

---

## XENUM - VRX 5W40

---

### 5.1. - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO<sub>2</sub>)
- 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

- No information available.

### 7.3. - Specific end use(s)

## XENUM - VRX 5W40

### 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



### SECTION 9 - Physical and chemical properties

9.1. - Information on basic physical and chemical properties

<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		-39 °C
Freezing point		No data available
Boiling point		No data available
Flash point		236 °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		0,856 kg/l
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
Auto-ignition temperature		No data available
Decomposition temperature		No data available
Kinematic viscosity		83,4 mm <sup>2</sup> /s @40°C
Dynamic viscosity		No data available

9.2. - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

---

## XENUM - VRX 5W40

---

---

### 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

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

---

## XENUM - VRX 5W40

---

---

### 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

- 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

- 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

---

---

## XENUM - VRX 5W40

---

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            None  
Reach candidates

Components in Annex XIV        None

Components in Annex XVII      None

VOC content                        No data available

15.2. - Chemical safety assessment

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

---

### SECTION 16 - Other information

---

SDS versions

Version No.	Date of issue	Description of the amendments
1	20/01/2017	

Texts of the regulatory sentences

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
H315	Causes skin irritation
H318	Causes serious eye damage
H350	May cause cancer - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H411	Toxic to aquatic life with long lasting effects
Not Classified	Not classified
Skin Irrit. 2	Irritation, Category 2

---

## XENUM - VRX 5W40

---

\*\*\* \*\*