

**MATERIAL SAFETY DATA SHEET****XENUM X-TRAN 75W90**

Conform following 1907/2006/EC, Article 31

Date: 08/02/2011

Page 1/8

**PRODUCT NAME:** XENUM X-TRAN 75W90  
**PRODUCT CODE:** 1181001 – 1081060 - 1081208  
**HAZARD LABELING (EC) STATEMENTS H- AND P-:** see section 15  
**TRANSPORT LABELING:** see section 14

**1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION**

**Product name:** XENUM X-TRAN 75W90  
**Product code:** 1181001 – 1081060 – 1081208

**Relevant identified uses of the substance or mixture and uses advised against:****Sector of Use:****SU22** Professional uses: Public domain (administration, education, entertainment, services, craftsmen)**Product category:****PC24** Lubricants, greases, release products**Process category:****PROC2** Use in closed, continuous process with occasional controlled exposure**PROC8a** Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities**PROC8b** Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities**PROC20** Heat and pressure transfer fluids in dispersive, professional use but closed systems**Environmental release category:**

ERC9a Wide dispersive indoor use of substances in closed systems

ERC9b Wide dispersive outdoor use of substances in closed systems

**Commercial use:** Transmission oil

**Supplier:** XENUM N.V.  
Steenkaaistraat 17  
B – 9200 Dendermonde  
Tel: +32 52 22 38 08  
Fax: +32 52 22 51 60  
e-mail: [info@xenum.eu](mailto:info@xenum.eu)

**Emergency telephone number:** +32 52 22 38 08**Responsible MSDS:** [info@xenum.eu](mailto:info@xenum.eu)**2. IDENTIFICATION OF HAZARDS****Classification of the substance or mixture:****Classification according to Regulation (EC) No 1272/2008:****GHS07****Eye Irrit. 2** **H319** - Causes serious eye irritation.**Skin Sens. 1** **H317** - May cause an allergic skin reaction.

# MATERIAL SAFETY DATA SHEET

XENUM X-TRAN 75W90

Conform following 1907/2006/EC, Article 31

Date: 08/02/2011

Page 2/8

## Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Not applicable.

### Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

**Classification system:** The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### Label elements:

**Hazard-determining components of labelling:** phosphoric acid ester amine salt  
Olefin sulfide

### Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

### Special labelling of certain preparations:

Contains Olefin sulfide, phosphoric acid ester amine salt. May produce an allergic reaction. Safety data sheet available for professional user on request.

### Other hazards:

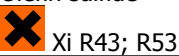
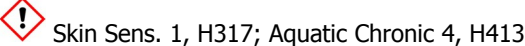

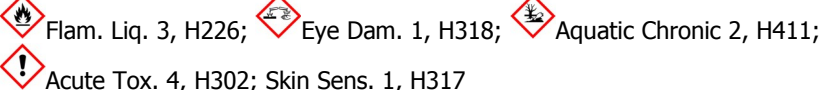
### Results of PBT and vPvB assessment:

PBT: Not applicable.  
vPvB: Not applicable.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Description:** Mixture of substances listed below with nonhazardous additions.

### Dangerous components:

CAS: 68937-96-2 EINECS: 273-103-3	Olefin sulfide  	2.5 – 10 %
CAS: 91745-46-9 EINECS: 294-716-2 Reg.nr.: 01-2119493620-38	phosphoric acid ester amine salt  	1 – 2.5%

**Additional information:** For the wording of the listed risk phrases refer to section 16

## 4. FIRST AID

**General information:** No special measures required.

### ADVICE IN CASE OF:

**Inhalation:** Supply fresh air; consult doctor in case of complaints.

**Skin contact:** Generally the product does not irritate the skin.

**Eye contact:** Rinse opened eye for several minutes under running water.

# MATERIAL SAFETY DATA SHEET

XENUM X-TRAN 75W90

Conform following 1907/2006/EC, Article 31

Date: 08/02/2011

Page 3/8

**Ingestion:** Do not induce vomiting; call for medical help immediately.

## Information for doctor:

### Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomiting, danger of entering the lungs.

---

## 5. FIRE FIGHTING MEASURES

### Extinguishing media:

**Suitable extinguishing agents:** CO<sub>2</sub>, dry chemical, or foam.  
Water can be used to cool and protect exposed material.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**Special hazards arising from the substance or mixture:** Formation of toxic gases is possible during heating or in case of fire.

### Advice for firefighters

**Protective equipment:** Wear self-contained respiratory protective device.  
Wear fully protective suit.

---

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Wear protective clothing.

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Remove from the water surface (e.g. skim or suck off).

**Reference to other sections** No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

---

## 7. HANDLING AND STORAGE

### HANDLING

**Information for safe handling:** No special measures required.  
Avoid the formation of oil haze.

**Information about fire - and explosion protection:** No special measures required.

### STORAGE

**Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.

Conform following 1907/2006/EC, Article 31

Date: 08/02/2011

Page 4/8

**Information about storage in one common storage facility:**

Not required.

**Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

---

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Additional information about design of technical facilities:**

No further data; see item 7.

**Control parameters:**Ingredients with limit values that require monitoring at the workplace:

Contains mineral oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH STEL of 10 mg per cubic meter.

**Additional information:**

The lists valid during the making were used as basis.

**Personal protective equipment:**General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Respiratory protection: Not required.Protection of hands: Oil resistant glovesMaterial of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

PVC gloves

Neoprene gloves

Penetration time of glove material: The exact break trough time has to be found out by the manufacturer of the protective\_gloves and has to be observed.Eye protection: Goggles recommended during refillingBody protection: Protective work clothing

---

**9. PHYSICAL AND CHEMICAL PROPERTIES****General Information:**

**Form:** Fluid  
**Colour:** Light brown  
**Odour:** Characteristic

**Change in condition:**

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** Undetermined.  
**Drip point:**  
**Pour point:** -45°C

**Flash point:** >110°C  
**Ignition temperature:** 354°C

Conform following 1907/2006/EC, Article 31

Date: 08/02/2011

Page 5/8

---

<b>Self-igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
<b>Density at 20°C:</b>	0.876 g/cm <sup>3</sup>
<b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
<b>Viscosity at 40°C:</b>	83 mm <sup>2</sup> /s
<b>Solvent content:</b>	<u>Organic solvents:</u> 0.1%
<b>Other information:</b>	No further relevant information available

---

## 10. STABILITY AND REACTIVITY

<b>Thermal decomposition / conditions to be avoided:</b>	To avoid thermal decomposition do not overheat.
<b>Possibility of hazardous reactions:</b>	Reacts with strong oxidizing agents.
<b>Conditions to avoid:</b>	No further relevant information available.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous decomposition products:</b>	No dangerous decomposition products known.

---

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity:

<b>Primary irritant effect:</b>	<b>on the skin:</b> No irritant effect.
	<b>on the eye:</b> No irritating effect.
	<b>Sensitization:</b> No sensitizing effects known.

### Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### Sensitisation:

Experimental data has shown that the concentration of potentially sensitizing components present in this product does not induce skin sensitization.

### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.

---

## 12. ECOLOGICAL INFORMATION

### Toxicity:

<b>Acquatic toxicity:</b>	No further relevant information available.
---------------------------	--

# MATERIAL SAFETY DATA SHEET

XENUM X-TRAN 75W90

Conform following 1907/2006/EC, Article 31

Date: 08/02/2011

Page 6/8

**Persistence and degradability:** No further relevant information available.

**Other information:** The product is difficultly biodegradable.

## Behaviour in environmental systems:

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

## Additional ecological information:

**General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**Results of PBT and vPvB assessment**  
PBT: Not applicable.  
vPvB: Not applicable.

**Other adverse effects:** No further relevant information available.

---

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods:

**Recommendation:** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**European waste catalogue** 13 02 05: mineral-based non-chlorinated engine, gear and lubricating oils

### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

---

## 14. TRANSPORT INFORMATION

### Land transport ADR/RID (cross-border)

ADR/RID class: -

### Maritime transport IMDG:

IMDG Class: -

Marine pollutant: No

### Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

**UN "Model Regulation":** -

**Special precautions for user:** Not applicable.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

---

Conform following 1907/2006/EC, Article 31

Date: 08/02/2011

Page 7/8

---

**15. REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations:****Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**This product is in line with all Reach requirements.**

---

**16. OTHER INFORMATION**

This information is based on our present knowledge.

However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases:**

- H226** Flammable liquid and vapour.  
**H302** Harmful if swallowed.  
**H317** May cause an allergic skin reaction.  
**H318** Causes serious eye damage.  
**H411** Toxic to aquatic life with long lasting effects.  
**H413** May cause long lasting harmful effects to aquatic life.
- R2** Harmful if swallowed.  
**R41** Risk of serious damage to eyes.  
**R43** May cause sensitisation by skin contact.  
**R51/53** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
**R53** May cause long-term adverse effects in the aquatic environment.

**Department issuing MSDS:** Product safety department.Contact: [info@xenum.eu](mailto:info@xenum.eu)**Abbreviations and acronyms:**

- ADR:** Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
**RID:** Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
**IMDG:** International Maritime Code for Dangerous Goods  
**IATA:** International Air Transport Association  
**IATA-DGR:** Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
**ICAO:** International Civil Aviation Organization  
**ICAO-TI:** Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
**GHS:** Globally Harmonized System of Classification and Labelling of Chemicals

# **MATERIAL SAFETY DATA SHEET**

**XENUM X-TRAN 75W90**

Conform following 1907/2006/EC, Article 31

Date: 08/02/2011

Page 8/8

---

**Sources:** 67/548/EEC - Dangerous Substances Directive  
99/45/EEC - Dangerous Preparations Directive  
Data compared to the previous version altered.

---

This data is complementary to the technical bulletin of use but does not replace it. The information contained herein is based on the state of our knowledge concerning the products as at the date indicated. It has been given in good faith. The user however, should be aware of subsequent risks that may arise if this product is used in a manner for which it is not being developed. However, this does not give a dispensation to the user not to have knowledge of and apply the appropriate regulations relating to his business. The sole responsibility lies with the user rather than the producer, the regulatory requirements assembled here are set down simply to help the final user fulfil his statutory obligations, however this listing should not be considered as exhaustive. The user must issue himself that he is taking all necessary obligations other than what is set down in the text here.

---