

Diesel Multi Conditioner

Print date : 27.10.2009

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1. Identification of the substance/preparation and of the company/undertaking**Identification of the substance or preparation**

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Use of the substance/preparationAdditive for petrol-engines
Fuel additive**Company/undertaking identification**

Company name :	XENUM N.V.	
Street :	Steenkaaistraat 17	
Place :	B-9200 Dendermonde	
Telephone :	+32 52 223808	Telefax : +32 52 22 51 60
Contact person :	Peter Tossyn	
e-mail :	info@xenum.eu	
Emergency telephone :	+32 479 82 08 08	

2. Hazards identification**Classification**R-phrases :
Repeated exposure may cause skin dryness or cracking.**Explication of special hazards for human health and environment**

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

3. Composition/information on ingredients**Chemical characterization (Mixture)**

Preparation on the basis of hydrocarbons

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
265-150-3	64742-48-9	Low boiling point hydrogen treated naphtha, Naphtha (petroleum), hydrotreated heavy	55 - 60 %	Xn R65-66
248-363-6	27247-96-7	2-ethylhexyl nitrate	15 - 20 %	Xn R20/21-44
265-198-5	64742-94-5	Kerosine - unspecified, Solvent naphtha (petroleum), heavy arom.	5 - 10 %	Xn R65
202-049-5	91-20-3	naphthalene	< 1 %	Carc. Cat. 3, Xn, N R40-22-50-53
202-436-9	95-63-6	1,2,4-trimethylbenzene	< 1 %	Xn, Xi, N R10-20-36/37/38-51-53

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures**General information**

If victim is at risk of losing consciousness, position and transport on their side. Provide fresh air.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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After ingestion

Give nothing to eat or drink. Do not induce vomiting.

Advice to doctor

Hazards identification: Lung irritation.

5. Fire-fighting measures**Suitable extinguishing media**Extinguishing powder. Carbon dioxide (CO₂). Sand.**Extinguishing media which must not be used for safety reasons**

High power water jet.

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gasesIn case of fire and/or explosion do not breathe fumes. Can be released in case of fire: Carbon dioxide (CO₂). Carbon monoxide.**Special protective equipment for fire-fighters**

In case of fire: Wear self-contained breathing apparatus.

Additional informationExtinguishing materials should be selected according to the surrounding area.
Fire class B: Burning liquid or melting substances.**6. Accidental release measures****Personal precautions**

Provide adequate ventilation. Keep away from unprotected people. Keep upwind. Wear personal protection equipment.

Environmental precautions

Spilled product must not leak into the ground. Do not empty into drains or the aquatic environment. In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

Methods for cleaning up/taking up

Suitable absorbing material: Kieselguhr. Do not rinse down with water.

7. Handling and storage**Handling****Advice on safe handling**

Provide for sufficient ventilation and punctiform suction at critical points.

Advice on protection against fire and explosion

In case of open handling, use devices with built-in suction where possible. Product is: Highly flammable.

Further information on handlingAvoid contact with skin and eyes.
Take precautionary measures against static discharges.**Storage****Requirements for storage rooms and vessels**

Store only in original container.

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

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Further information on storage conditions

Suitable material for floor covering: Solvent-proof.

Storageclass (VCI) : 3A

8. Exposure controls/personal protection

Exposure limit values**Exposure limits (EH40)**

CAS-No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
64742-48-9	Low boiling point hydrogen treated naphtha, Naphtha (petroleum), hydrotreated heavy	200	1000		TWA (8 h)	
91-20-3	Naphthalene	-	-		STEL (15 min) TWA (8 h)	CHAN
		-	-		STEL (15 min)	CHAN
95-63-6	Trimethylbenzenes	25	125		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

Exposure controls**Protective and hygiene measures**

Do not eat, drink, smoke or sneeze at the workplace.

Respiratory protection

Respiratory protection required in case of: Insufficient absorption. und prolonged action.

Hand protection

Tested protective gloves are to be worn:
 NBR (Nitrile rubber). (0,33 - 0,5 mm)
 Butyl rubber. (0,7 mm)
 CR (polychloroprenes, Chloroprene rubber). (0,7 - 1,0 mm)
 penetration time (maximum wearing period): 480 min

Eye protection

Suitable eye protection: Tightly sealed safety glasses.

Skin protection

Protective clothing: Lab apron.

9. Physical and chemical properties

General information

Physical state : liquid
 Colour : colourless
 Odour : hydrocarbons, aliphatic.

Important health, safety and environmental information

pH-Value :	Not applicable.	Test method
Changes in the physical state		
Boiling point :	190 °C	DIN 53171
Flash point :	78 °C	DIN 51755

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Explosive properties

not Explosive.

Indication applies to the solvent.

Lower explosion limits :

0,6 vol. % DIN 51649

Upper explosion limits :

7 vol. % DIN 51649

Oxidizing properties

not oxidizing.

Vapour pressure :

6 hPa DIN 51640

(at 20 °C)

Density (at 20 °C) :

0,89 g/cm³ DIN 51757

Partition coefficient :

Undetermined.

Flow time :

> 30 s (3 mm) 3 DIN EN ISO 2431

Vapour density :

Undetermined.

10. Stability and reactivity**Conditions to avoid**

In case of warming: Risk of selfignition.

Materials to avoid

Oxidizing agents.

Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

11. Toxicological information**Acute toxicity**

Acute toxicity, oral LD50: > 2000 mg/kg species: Rat. Method: OECD (Naphtha)

Acute toxicity, dermal LD50: > 2000 mg/kg species: Rat. OECD 402 (Naphtha)

Acute toxicity, inhalant LC50: 33 mg/l (4h) species: Rat. Method: OECD (Naphtha)

Corrosive and irritant effects

After skin contact: irritant. Practical experience.

Sensitising effects

no danger of sensitization.

Severe effects after repeated or prolonged exposure

Has de-greasing effect on the skin. Frequently or prolonged contact with skin may cause dermal irritation.

12. Ecological information**Ecotoxicity**Acute fish toxicity LC50: 14 g/m³ (96 h) Oncorhynchus mykiss**Bioaccumulative potential**

No indication of bio-accumulation potential.

Other adverse effects

AOX: The product contains no organically bound Halogen.

13. Disposal considerations**Advice on disposal**

Carry out a burning of hazardous waste according to official regulations.

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Waste disposal number of waste from residues/unused products

130703 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19); wastes of liquid fuels; other fuels (including mixtures)
Classified as hazardous waste.

14. Transport informationLand transport (ADR/RID)**Other applicable information (land transport)**

Not a hazardous material with respect to these transportation regulations.

15. Regulatory informationLabelling**Hazardous component(s) to be indicated on label**

Low boiling point hydrogen treated naphtha, Naphtha (petroleum), hydrotreated heavy

R phrases

66 Repeated exposure may cause skin dryness or cracking.

S phrases

24 Avoid contact with skin.

Special labelling for certain preparations

Operate if possible out of doors or in a well-ventilated place.

Additional advice on labelling

Product is classified and labelled in accordance with EC regulations or the corresponding national laws.

EU regulatory information

1999/13/EC (VOC) : This chemical is a VOC according to 99/13/EC.

Additional information

Sources of the most important data: 2001/118/EG, 1999/45/EG, 91/155/EEG, 67/548/EEG, GefStoffV, WRMG, WHG, TRG 300, TRGS 200, TRGS 220, ADR 2007, IMDG-Code

National regulatory information

Employment restrictions : Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.

Water contaminating class (D) : 2 - water contaminating

16. Other information**Full text of R-phrases referred to under sections 2 and 3**

10 Flammable.
20 Harmful by inhalation.
20/21 Harmful by inhalation and in contact with skin.
22 Harmful if swallowed.
36/37/38 Irritating to eyes, respiratory system and skin.
40 Limited evidence of a carcinogenic effect.
44 Risk of explosion if heated under confinement.
50 Very toxic to aquatic organisms.
51 Toxic to aquatic organisms.
53 May cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.

Further Information

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

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The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)