

XENUM - DPF Cleaner

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

1.1 - Product identifier

Trade name/designation XENUM - DPF Cleaner
Chemical name
Product-type Mixture
Product code 4274400

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

Relevant identified uses - Additive

Uses advised against

- Do not use for products which come into contact with the food stuffs.
- Do not use for products which come into direct contact with the skin.

1.3 - Details of the supplier of the safety data sheet

XENUM NV/SA
Vluchtenburgstraat 9
2630 Aartselaar Belgium
Telephone : +32(0)3 846 48 03
XENUM HQ: +32(0)3 846 48 03 info@xenum.com

1.4 - Emergency telephone number

BelgiumPoison 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]

Skin Corr. 1A	Skin corrosion, Category 1A
Eye Dam. 1	Serious eye damage, Category 1

2.2 - Label elements

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

Contains: 2-aminoethanol (CAS No.: 141-43-5)

Signal word : Danger

Hazard pictograms



Hazard statements

H314 Causes severe skin burns and eye damage

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

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P102	Keep out of reach of children.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405	Store locked up.
P501	Dispose of contents/container to an appropriate recycling or disposal facility. .
EUH-phrases	: None

Regulation (EC) No. 648/2004 (Detergents regulation)

- Labelling for contents according to regulation (EC) No. 648/2004:

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2.3 - Other hazards

PBT-substance. - No information available.

vPvB-substance. - No information available.

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
(2-methoxymethylethoxy)prop anol	CAS No. : 34590-94-8 Index No. : EC No. : 252-104-2 REACH No. : 01-2119450011-60	10 - < 25		
2-aminoethanol	CAS No. : 141-43-5 Index No. : EC No. : 205-483-3 REACH No. : 01-2119486455-28	2,5 - < 5	Acute Tox. 4 Dermal - H312 Acute Tox. 4 Inhalation - H332 Acute Tox. 4 Oral - H302 Skin Corr. 1B - H314	
tetrapotassium pyrophosphate	CAS No. : 7320-34-5 Index No. : EC No. : 230-785-7	1 - < 2,5	Eye Irrit. 2 - H319	

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation - No special measures are necessary.
- Provide fresh air.

Following skin contact - After contact with skin, wash immediately with plenty of water and soap.
- Remove contaminated, saturated clothing immediately.
- In case of skin reactions, consult a physician.

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After eye contact - In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion - If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

4.2 - Most important symptoms and effects, both acute and delayed

Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - No information available.

Symptoms and effects - After eye contact - Serious eye damage/eye irritation

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

5.1 - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO₂)
- Foam
- Extinguishing powder

Unsuitable extinguishing media - Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture - No information available.

Hazardous decomposition products - No information available.

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.

For emergency responders - No information available.

6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment - Soak up inert absorbent and dispose as waste requiring special attention.

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Methods and material for cleaning up - Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Clear contaminated areas thoroughly.

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

Recommendation

- Avoid: Eye contact
- It is recommended to design all work processes always so that the following is excluded: Eye contact
- It is recommended to design all work processes always so that the following is excluded: Skin contact

Advices on general occupational hygiene

- Avoid contact with skin, eyes and clothes.
- When using do not eat, drink, smoke, sniff.
- Immediately remove any contaminated clothing, shoes or stockings.
- Wash hands before breaks and after work.

7.2 - Conditions for safe storage, including any incompatibilities

- Store in a place accessible by authorized persons only.
- Keep away from: Food and feedingstuffs
- Only use containers specifically approved for the substance/product.

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 eye protection: Eye glasses with side protection



- Suitable protective clothing: lab coat



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- When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.



- Barrier creams are not substitutes for body protection.
- EN 374
- Suitable material: NBR (Nitrile rubber)

- Recommended thickness of the material: ≥ 0.5 mm
- Check leak tightness/impermeability prior to use.

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>	Aerosol
<u>Colour</u>		<u>Odour</u>	earthy
Odour threshold		No data available	
pH		11,7	
Melting point		No data available	
Freezing point		No data available	
Boiling point		184 °C	
Flash point		75 °C	
Evaporation rate		No data available	
flammability		270 °C	
Lower explosion limit		1,1 % Vol.	
Upper explosion limit		14 % Vol.	
Vapour pressure		23 hPa	
Vapour density		No data available	
Relative density		No data available	
Density		1,01 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		No data available	
Auto-ignition temperature		No data available	
Decomposition temperature		No data available	
Kinematic viscosity		No data available	

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Dynamic viscosity	No data available
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9.2 - Other information

VOC content	No data available
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.

2-aminoethanol (141-43-5)

LD50 oral (rat)	2050 mg/kg
LD50 dermal (rabbit)	1000 mg/kg

Skin corrosion/irritation - Skin corrosion, Category 1A - Causes severe skin burns and eye damage
- Corrosive.

Serious eye damage/eye irritation - Serious eye damage, Category 1

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	- Risk of serious damage to eyes. - Causes serious eye irritation. - Corrosive.
<u>Respiratory or skin sensitisation</u>	- Not classified
<u>Germ cell mutagenicity</u>	- Not classified
<u>Carcinogenicity</u>	- Not classified
	- This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.
<u>Reproductive toxicity</u>	- Not classified
	- This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.
<u>STOT-single exposure</u>	- Not classified
<u>STOT-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	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

tetrapotassium pyrophosphate (7320-34-5)

NOEC chronic fish	> 750 mg/l
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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 KOC	No data available

- No indication of bioaccumulation potential.

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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

Waste treatment methods - Dispose of waste according to applicable legislation.

Sewage disposal - No information available.

Special precautions for waste treatment - Waste for disposal is to be classified and labelled.
- Do not mix with other wastes.
- Consult the appropriate local waste disposal expert about waste disposal.

Community or national or regional provisions - No information available.

SECTION 14: Transport information

14.1 - UN number

UN number (ADR) : UN1950

UN number (IMDG) : UN1950

14.2 - UN proper shipping name

UN proper shipping name (ADR) : AEROSOLS, asphyxiant

UN proper shipping name (IMDG) : AEROSOLS, asphyxiant

14.3 - Transport hazard class(es)

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ADR Transport hazard class(es) : 2
ADR Classification code: : 5A
Pictograms



Transport hazard class(es) (IMDG) : 2
Pictograms



14.4 - Packing group

Packing group :
Packing group (IMDG) :

14.5 - Environmental hazards

Environmental hazards : No
Marine pollutant : No

14.6 - Special precautions for user

ADR

ADR Classification code: : 5A
ADR Special provisions : 190+327+344+625
ADR Limited quantity (LQ) : 1 L
ADR Excepted quantities : E0
ADR Packing instructions : P207 LP02
ADR Special packing provisions : PP87 RR6 L2
ADR Mixed packing provisions : MP9
Instructions for portable tanks and bulk containers :
Special provisions for portable tanks and bulk containers :
ADR tank code :
ADR tanks special provisions :
Vehicle for tank carriage :
ADR Transport category : 3
ADR Tunnel restriction code : E
ADR Special provisions loading, unloading and handling : CV9 CV12
Special provisions - Packages : V14
Special provisions - Bulk :
Special provisions - Operation :
ADR Hazard identification number (Kemler No.) :

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IMDG

<u>Special provisions</u>	:	
<u>Limited quantity (LQ)</u>	:	1L
<u>Excepted quantities</u>	:	E0
<u>Packing instructions</u>	:	
<u>Special packing provisions</u>	:	
<u>IBC instruction(s)</u>	:	
<u>IBC provisions</u>	:	
<u>Instructions for portable tanks and bulk containers</u>	:	
<u>Special provisions for portable tanks and bulk containers</u>	:	
<u>EmS codes</u>	:	F-D,S-U
<u>Stowage and handling</u>	:	
<u>Segregation</u>	:	SG69 For AEROSOLS with a maximum capacity of 1
<u>Properties and observations</u>	:	

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

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII None

VOC content No data available

- Anionic surfactants: less than 5%

- Phosphates: less than 5%

Regulation (EC) No. 648/2004 (Detergents regulation)

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15.2 - Chemical Safety Assessment

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

SECTION 16: Other information

SDS versions

Version	Issue date	Description of the amendments
1	5/03/2018	

Texts of the regulatory sentences

Acute Tox. 4 Dermal	Acute toxicity (dermal) - Category 4
Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4
Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4

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Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation - Category 2
H314	Causes severe skin burns and eye damage
Skin Corr. 1A	Skin corrosion, Category 1A
Skin Corr. 1B	Skin corrosion, Category 1B

Training advice - Special training for first aid necessary.

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