

XENUM - Climair Go

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

1.1. - Product identifier

Trade name XENUM - Climair Go
Chemical name
Product-type Mixture
Product code 4267150

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

Relevant identified uses of the substance or mixture - Automotive Care (spray, liquid)
Uses advised against of the substance or mixture - 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
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 Belgium

SECTION 2 - Hazards identification

2.1. - Classification of the substance or mixture

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

Eye Irrit. 2	Eye irritation - Category 2
Aerosol 1	Aerosols, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3

2.2. - Label elements

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

Signal word : Danger

Hazard pictograms



Hazard statements

H222	Extremely flammable aerosol
H229	Pressurised container: May burst if heated
H319	Causes serious eye irritation
H412	Harmful to aquatic life with long lasting effects

Precautionary statements

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P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251	Do not pierce or burn, even after use.
P280	Wear protective gloves, eye protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
P501	Dispose of contents/container to an accredited treatment center.
P260	Do not breathe spray .
P211	Do not spray on an open flame or other ignition source.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P403	Store in a well-ventilated place.
EUH-phrases	
EUH208	Contains (R)-p-mentha-1,8-diene (5989-27-5). May produce an allergic reaction

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

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2.3. - Other hazards

PBT substance or mixture - No information available.

vPvB substance or mixture - 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
ethanol	CAS No. : 64-17-5 Index No. : EC No. : 200-578-6 REACH No. : 01-2119457610-43-0196	25 - 50	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225	
	CAS No. : 106-97-8 Index No. : 601-004-01-8 EC No. : 203-448-7 REACH No. : 01-2119474691-32	25 - 50	Flam. Gas 1 - H220 Gaz dissous - H280 Press. Gas -	
propane	CAS No. : 74-98-6 Index No. : EC No. : 200-827-9 REACH No. : 01-2119486944-21	10 - 25	Flam. Gas 1 - H220 Gaz liquéfié - H280	

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Chemical name	No	%	Class	Spec. concentrations
	CAS No. : 67-63-0 Index No. : 603-117-00-0 EC No. : 200-661-7 REACH No. : 01-2119529230-52	0,1 - 2,5	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 (H336) - H336	
(R)-p-mentha-1,8-diene	CAS No. : 5989-27-5 Index No. : EC No. : 227-813-5 REACH No. : 01-2119529223-47	< 1	Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412 Asp. Tox. 1 - H304 Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317	

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>	- Causes eye irritation.
<u>Symptoms and effects after ingestion</u>	- 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

<u>Suitable extinguishing media</u>	- ABC-powder - Carbon dioxide (CO ₂) - Foam - Extinguishing powder
<u>Unsuitable extinguishing media</u>	- High power water jet

5.2. - Special hazards arising from the substance or mixture

Special hazards - No information available.

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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

- 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 - Avoid: Eye contact
- It is recommended to design all work processes always so that the following is excluded: Eye contact
- When using do not smoke.
- Avoid: Eye contact

Advice on general occupational hygiene - Work in well-ventilated zones or use proper respiratory protection.

7.2. - Conditions for safe storage, including any incompatibilities

- No information available.

7.3. - Specific end use(s)

SECTION 8 - Exposure controls/personal protection

8.1. - Control parameters

8.2. - Exposure controls

Appropriate engineering controls - No information available.

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Individual protection measures, such as personal protective equipment

- Suitable eye protection: Eye glasses with side protection



- Suitable eye protection: Dust protection eye glasses



- Suitable protective clothing: lab coat



- Protective gloves



- Suitable material: PVC (Polyvinyl chloride)

- Breakthrough times and swelling properties of the material must be taken into consideration.

- Permeation: Breakthrough time > 240 min

- Recommended thickness of the material: \geq 0.5 mm

- Check leak tightness/impermeability prior to use.

- Required properties: liquid-tight

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>Color</u>		<u>Odor</u>	earthy
Odour threshold	No data available		

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pH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	-44,5 °C
Flash point	-97 °C
Evaporation rate	No data available
flammability	No data available
Lower explosion limit	1,5 % Vol.
Upper explosion limit	15 % Vol.
Vapour pressure	8300 hPa
Vapour density	No data available
Relative density	No data available
Density	No data available
Solubility (Water)	practically insoluble
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	98,9 %
Log KOC - Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	365 °C
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

9.2. - Other information

VOC content	642,6 g/l
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.

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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.

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)

LD50 oral (rat)	> 2000 mg/kg
LD50 dermal (rat)	13900 mg/kg
LC50 inhalation dusts and mists (rat)	> 25 mg/l

Skin corrosion/irritation - Not classified

Serious eye damage/irritation - Eye irritation - Category 2 - Causes serious eye irritation

- Irritating to eyes.

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

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

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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 - 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

14.1. - UN number

UN number (ADR) : UN1950

UN number (IMDG) : UN1950

14.2. - UN proper shipping name

UN proper shipping name (ADR) : AEROSOLS, flammable (ethanol, ,)

UN proper shipping name (IMDG) : AEROSOLS, flammable (ethanol, ,)

14.3. - Transport hazard class(es)

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ADR Class : 2
ADR Classification code : 5F
Pictograms
Class (IMDG) : 2.1
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 : 5F
ADR Special provisions : 190+327+344+625
ADR Limited quantities : 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 : 2
ADR Tunnel restriction code : D
ADR Special provisions loading, unloading and handling : CV9 CV12
Special provisions - Packages : V14
Special provisions - Bulk :
Special provisions - Operation : S2
ADR Hazard Identification No. :

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IMDG

<u>Special provisions</u>	:	63, 190, 277,327,959
<u>Limited quantities</u>	:	1L
<u>Excepted quantities</u>	:	E0
<u>Packing instructions</u>	:	-
<u>Special packing provisions</u>	:	PP17, PP87, L2
<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>	:	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
<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

<u>Components in the list of Reach candidates</u>	None
<u>Components in Annex XIV</u>	None
<u>Components in Annex XVII</u>	None
<u>VOC content</u>	642,6 g/l

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 No.	Date of issue	Description of the amendments
1	19/03/2017	

Texts of the regulatory sentences

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Aerosol 1	Aerosols, Category 1
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Eye irritation - Category 2
Eye Irrit. 2A	Eye irritation - Category 2A
Flam. Gas 1	Flammable gases, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Gaz dissous	Dissolved gas
Gaz liquéfié	Liquefied gas
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapour
H229	Pressurised container: May burst if heated
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H350	May cause cancer - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H412	Harmful to aquatic life with long lasting effects
Press. Gas	Gases under pressure
Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1	Skin sensitization - Category 1
STOT SE 3 (H336)	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

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