

XENUM - Deblock Shock + Cerfon cold rust releaser

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

1.1 - Product identifier

Trade name/designation XENUM - Deblock Shock + Cerfon cold rust releaser
Chemical name
Product-type Mixture

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

<u>Relevant identified uses</u>	- Aerosol propellants
<u>Uses advised against</u>	- Do not use for medical-clinical purposes. - 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

Poison 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]

Aerosol 1	Aerosols, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
STOT SE 3 (H336)	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Asp. Tox. 1	Aspiration hazard - Category 1

2.2 - Label elements

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

Contains: Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (CAS No.: -)||Kerosine (petroleum) (CAS No.: 8008-20-6)

Signal word : Danger

Hazard pictograms



XENUM - Deblock Shock + Cerfon cold rust releaser

Hazard statements

H222	Extremely flammable aerosol
H229	Pressurised container: May burst if heated
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H412	Harmful to aquatic life with long lasting effects

Precautionary statements

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
P271	Use only outdoors or in a well-ventilated area
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P403	Store in a well-ventilated place

EUH-phrases : None

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
butane (containing ≥ 0,1 % butadiene (203-450-8))	CAS No. : 106-97-8 Index No. : 601-004-01-8 EC No. : 203-448-7 REACH No. : 01-2119474691-32	50 - 75	Flam. Gas 1 - H220 Gaz dissous - H280 Press. Gas -	
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	CAS No. : - Index No. : EC No. : 921-024-6 REACH No. : 01-2119475514-35	10 - 25	Aquatic Chronic 2 - H411 Asp. Tox. 1 - H304 Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 (H336) - H336	
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	
Kerosine (petroleum)	CAS No. : 8008-20-6 Index No. : 649-404-00-4 EC No. : 232-366-4 REACH No. : 01-2119462828-25	2,5 - < 10	Aquatic Chronic 2 - H411 Asp. Tox. 1 - H304 Skin Irrit. 2 - H315 STOT SE 3 (H336) - H336	

XENUM - Deblock Shock + Cerfon cold rust releaser

Chemical name	No	%	Class	Spec. concentrations
acetone, propan-2-one, propanone	CAS No. : 67-64-1 Index No. : 606-001-00-8 EC No. : 200-662-2 REACH No. : 01-2119486944-21	0,1 - < 1	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 (H336) - H336	
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	CAS No. : 95-38-5 Index No. : EC No. : 202-414-9 REACH No. : 01-2119777867-13	0,25 - 1	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Skin Corr. 1C - H314 STOT RE 2 - H373	

SECTION 4: First aid measures

4.1 - Description of first aid measures

<u>Following inhalation</u>	- No special measures are necessary. - Provide fresh air.
<u>Following skin contact</u>	- Wash immediately with: Water - When in doubt or if symptoms are observed, get medical advice.
<u>After eye contact</u>	- Rinse immediately carefully and thoroughly with eye-bath or water. - In case of eye irritation consult an ophthalmologist.
<u>After 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 - Following inhalation</u>	- No information available.
<u>Symptoms and effects - Following skin contact</u>	- No information available.
<u>Symptoms and effects - After eye contact</u>	- No information available.
<u>Symptoms and effects - After ingestion</u>	- No information available.

4.3 - Indication of any immediate medical attention and special treatment needed

- No information available.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

<u>Suitable extinguishing media</u>	- ABC-powder - Carbon dioxide (CO2) - Foam - Extinguishing powder
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<u>Unsuitable extinguishing media</u>	- High power water jet
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5.2 - Special hazards arising from the substance or mixture

<u>Special hazards arising from the substance or mixture</u>	- No information available.
<u>Hazardous decomposition products</u>	- Carbon dioxide (CO2)

XENUM - Deblock Shock + Cerfon cold rust releaser

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

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|------------------------------------|---|
| <u>For non-emergency personnel</u> | - Use personal protection equipment.
- Provide adequate ventilation. |
|------------------------------------|---|

- | | |
|---------------------------------|-----------------------------|
| <u>For emergency responders</u> | - No information available. |
|---------------------------------|-----------------------------|

6.2 - Environmental precautions

- No information available.

6.3 - Methods and material for containment and cleaning up

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|---|-----------------------------|
| <u>Methods and material for containment</u> | - No information available. |
|---|-----------------------------|

- | | |
|---|---|
| <u>Methods and material for cleaning up</u> | - Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Wash with plenty of water. |
|---|---|

- | | |
|---------------------------------|-----------------------------|
| <u>Inappropriate techniques</u> | - 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

- | | |
|-----------------------|---|
| <u>Recommendation</u> | - Use only in well-ventilated areas.
- Only use the material in places where open light, fire and other flammable sources can be kept away.
- Usual measures for fire prevention. |
|-----------------------|---|

- | | |
|--|-----------------------------|
| <u>Advices on general occupational hygiene</u> | - No information available. |
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7.2 - Conditions for safe storage, including any incompatibilities

- Keep away from: Food and feedingstuffs
- Keep container tightly closed in a cool, well-ventilated place.

7.3 - Specific end use(s)

- No information available.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

- No information available.

8.2 - Exposure controls

XENUM - Deblock Shock + Cerfon cold rust releaser

Appropriate engineering controls

- No information available.

Individual protection measures, such as personal protective equipment

- Suitable gloves type: Disposable gloves



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



- Suitable eye protection: Eye glasses with side protection
- Suitable protective clothing: lab coat

Environmental exposure controls

- Use the following chemical treatment methods for waste water: Adsorption

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>	characteristic
Odour threshold		No data available	
pH		No data available	
Melting point		No data available	
Freezing point		No data available	
Boiling point		88 °C < V < 106 °C	
Flash point		-97 °C	
Evaporation rate		not applicable	
flammability		No data available	
Lower explosion limit		0,8 % Vol.	
Upper explosion limit		10,9 % Vol.	
Vapour pressure		8300 hPa	
Vapour density		No data available	
Relative density		No data available	
Density		0,6 g/cm ³	
Solubility (Water)		practically insoluble	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		> 200 °C	
Decomposition temperature		No data available	

XENUM - Deblock Shock + Cerfon cold rust releaser

Kinematic viscosity	No data available
Dynamic viscosity	No data available

9.2 - Other information

VOC content	95,3 %
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.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (-)

LD50 oral (rat)	> 5840 mg/kg
LD50 dermal (rat)	> 2920 mg/kg
LC50 inhalation dusts and mists (rat)	> 25 mg/l

acetone, propan-2-one, propanone (67-64-1)

LD50 oral (rat)	5800 mg/kg
LD50 dermal (rabbit)	7800 mg/kg

XENUM - Deblock Shock + Cerfon cold rust releaser

	LC50 inhalation vapours (rat)	> 20 mg/l
<u>Skin corrosion/irritation</u>	- Skin corrosion/irritation, Category 2 - Causes skin irritation	
	- Irritating to skin.	
<u>Serious eye damage/eye irritation</u>	- Serious eye damage/eye irritation, Category 2 - Causes serious eye irritation	
	- Irritating to eyes.	
<u>Respiratory or skin sensitisation</u>	- Not classified	
<u>Germ cell mutagenicity</u>	- Not classified	
<u>Carcinogenicity</u>	- Not classified	
<u>Reproductive toxicity</u>	- Not classified	
<u>STOT-single exposure</u>	- Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation - May cause drowsiness or dizziness	
<u>STOT-repeated exposure</u>	- Not classified	
<u>Aspiration hazard</u>	- Aspiration hazard - Category 1 - May be fatal if swallowed and enters airways	

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	No data available

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

XENUM - Deblock Shock + Cerfon cold rust releaser

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 : No information available.

Community or national or regional provisions : No information available.

SECTION 14: Transport information

14.1 - UN number

UN number (ADR) : UN1950

14.2 - UN proper shipping name

UN proper shipping name (ADR) : AEROSOLS, flammable

14.3 - Transport hazard class(es)

ADR Transport hazard class(es) :

ADR Classification code: :

Pictograms

14.4 - Packing group

Packing group :

14.5 - Environmental hazards

Environmental hazards : Yes.

Marine pollutant : Hazardous to the aquatic environment - Aquatic Chronic 2

14.6 - Special precautions for user

XENUM - Deblock Shock + Cerfon cold rust releaser

ADR

<u>ADR Classification code:</u>	:	
<u>ADR Special provisions</u>	:	
<u>ADR Limited quantity (LQ)</u>	:	
<u>ADR Excepted quantities</u>	:	
<u>ADR Packing instructions</u>	:	
<u>ADR Special packing provisions</u>	:	
<u>ADR Mixed packing provisions</u>	:	
<u>Instructions for portable tanks and bulk containers</u>	:	
<u>Special provisions for portable tanks and bulk containers</u>	:	
<u>ADR tank code</u>	:	
<u>ADR tanks special provisions</u>	:	
<u>Vehicle for tank carriage</u>	:	
<u>ADR Transport category</u>	:	
<u>ADR Tunnel restriction code</u>	:	
<u>ADR Special provisions loading, unloading and handling</u>	:	
<u>Special provisions - Packages</u>	:	V14
<u>Special provisions - Bulk</u>	:	
<u>Special provisions - Operation</u>	:	S2
<u>ADR Hazard identification number (Kemler No.)</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 95,3 %

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
1,01	15/06/2018	
1	9/05/2016	

Texts of the regulatory sentences

Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aerosol 1	Aerosols, Category 1
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1

XENUM - Deblock Shock + Cerfon cold rust releaser

Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Asp. Tox. 1	Aspiration hazard - Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Eye Irrit. 2A	Eye irritation - Category 2A
Flam. Gas 1	Flammable gas. - Category 1
Flam. Liq. 2	Flammable liquid and vapour. - Category 2
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
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
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
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
Press. Gas	Gases under pressure
Skin Corr. 1C	Skin corrosion, Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	STOT-repeated exposure - Category 2
STOT SE 3 (H336)	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

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