

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

Date of revision: 30. 03. 2022

Version: 5.0

Replaced version from: 09. 06. 2020

Date of issue: 26. 11. 2012

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

#### 1.1. Product identifier

**Product Name**

**CLEAMEN 420**

**Product code**

VC420XXXX99-CLP

**Chemical name**

Sulphuric acid 96 %

**Chemical formula**

H<sub>2</sub>SO<sub>4</sub>

**CAS Number**

7664-93-9

**EC Number**

231-639-5

**Index Number**

016-020-00-8

**Registration Number**

01-2119458838-20-XXXX

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

**Identified uses**

Cleaning agent.

For professional use only.

**Uses advised against**

Not known. It is recommended to use it only for the intended use. Other uses may expose users to unpredictable risks.

#### 1.3. Details of the supplier of the safety data sheet

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

### **CORMEN s.r.o.**

Věchnov 73

593 01

Česká republika

Tel.: +420 566 550 961

Fax: +420 566 551 822

e-mail address for a competent person responsible for the SDS: [info@cormen.cz](mailto:info@cormen.cz)

### **1.4. Emergency telephone number**

112 (General emergency phone).

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

The substance is **classified as hazardous** according to regulation 1272/2008/EC.

#### **Classification according to 1272/2008/EC**

**Skin Corr. 1A; H314**

Full text of classifications and H-phrases: see section 16.

#### **The most important adverse physical, human health and environmental effects**

Causes severe skin burns and eye damage.

### **2.2. Label elements**

#### **Hazard pictograms**



#### **Signal word**

Danger.

#### **Identification number**

016-020-00-8

#### **Hazard statements**

H314 Causes severe skin burns and eye damage.

#### **Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P310 Immediately call a POISON CENTER/doctor.

P501 Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### **Supplemental hazard information**

Mandatory additional information is not required according to CLP regulation.

Acquisition, possession or use by the general public is restricted.

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

### 2.3. Other hazards

The substance does not meet the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in accordance with Annex XIII of REACH regulation. The substance is not mentioned on the Candidate list for possible inclusion in Annex XIV of REACH at the date of the revision of the safety data sheet (established in accordance with Article 59(1) of REACH regulation. The substance was not identified as endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

#### 3.1.1. Identity of the main constituent

Identification of substance		Content wt. %	Classification according to 1272/2008/EC
Sulphuric acid			
CAS Number	7664-93-9	> 92	Skin Corr. 1A; H314
EC Number	231-639-5		
Index Number	016-020-00-8		
Registration Number	01-2119458838-20-XXXX		
The substance has specific concentration limits:			
Skin Corr. 1A; H314	C ≥ 15 %		
Skin Irrit. 2; H315	5 % ≤ C < 15 %		
Eye Irrit. 2; H319	5 % ≤ C < 15 %		

#### 3.1.2. The chemical identity of any impurity, stabilising additive, or individual constituent other than the main constituent

Are not identified.

Full text of classifications and H-phrases: see section 16.

## SECTION 4: First aid measures

In all cases keep the victim at physical and mental rest and warm. In case of doubt or if symptoms persist, seek medical attention. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing. Protect yourself during rescue work.

### 4.1. Description of first aid measures

#### Inhalation

Interrupt the exposure, move the person to the fresh air. In case of persistent nausea, seek medical advice.

#### Skin contact

Remove contaminated clothing, shoes and thoroughly remove acid from the skin with a dry and clean cloth. Do not use water if acid is in contact with skin. After removing the acid, wash the skin with water (preferably lukewarm) and soap. Immediately seek medical advice.

#### Eye contact

Immediately wipe the affected eye thoroughly with a dry and clean cloth. Do not use water unless the eye is acid-free. After rinse with a gentle stream of water for at least 15 minutes. Keep your eyelids wide open with your thumb and forefinger. If the affected person is wearing contact lenses, remove them before rinsing eyes if it is easy. Immediately seek medical advice.

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

### **Ingestion**

Rinse your mouth and then drink plenty of water. Do not induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Seek medical advice.

### **4.2. Most important symptoms and effects, both acute and delayed**

Are not known.

### **4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically and supportively.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Foam, dry extinguishing agent, carbon dioxide (CO<sub>2</sub>).

#### **Unsuitable extinguishing media**

Solid streams of water may be ineffective.

### **5.2. Special hazards arising from the substance or mixture**

In case of fire extinguishing prevent leakage of water and rest of product into drains. Collect them separately and dispose of safely in accordance with current legislation and applicable local regulations.

In case of fires, hazardous combustion gases are formed: sulphur oxides, hydrogen sulphide and products of incomplete combustion.

### **5.3. Advice for firefighters**

Stop further leakage of product if possible. Spilled product, which does not burn, cover with sand or foam. Move containers and barrels away from the fire to a safe place, if possible. Cool all affected containers down with flooding quantities of water. If the fire can't be extinguished - evacuate the premises.

In case of fire, wear suitable respiratory protective equipment and fire-fighting suit.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes, use suitable protective equipment and clothing, see Section 8. Ensure adequate ventilation. Avoid formation of vapour and aerosol. At the point of leakage, prevent the movement of unauthorized persons.

### **6.2. Environmental precautions**

Prevent further leakage or spillage if safe to do so. If this cannot be avoided, inform the competent authorities (police and firefighters) immediately.

### **6.3. Methods and material for containment and cleaning up**

According to the amount of spilled liquid, drain away the substance (large spillage) or in case of small spillage, absorb it with suitable absorbent (vermiculite, dry sand), put into labelled closed containers and dispose of them accordingly to Section 13. Flush residues with water and collect it for waste disposal. Do not use solvents or dispersants unless instructed by an expert or government authority.

If container is damaged, remove the content to the new undamaged container and label it properly again.

### **6.4. Reference to other sections**

Refer also to the provisions of sections 7, 8 and 13 of this safety data sheet.

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Avoid contact with skin and eyes. Personal protection see. Section 8. Ensure good ventilation to prevent formation of vapour and aerosol.

Smoking, eating and drinking should be prohibited at the place of use. Keep safety regulations for handling chemicals. Take off contaminated clothing and protective equipment before entering the dining area. Do not use dirty clothing. After work wash yourself carefully with warm water and soap, take a shower. Use protective cream.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store in original, tightly closed containers, in a dry, cool and well-ventilated place at room temperature.

Do not store together with incompatible materials (see subsection 10.5), food, drink and feed.

Store from incompatible materials and locked.

No decomposition is observed when the intended storage and use is observed.

#### 7.3. Specific end use(s)

The product is intended for cleaning plastic and ceramic waste, sinks, showers, toilets, sewers, etc.

The liquid preparation contains concentrated sulfuric acid, which is heated rapidly by pouring into a siphon. The product removes rust and limescale. It is not recommended to use this product on old rusty steel waste pipes. Be careful not to damage the surroundings of the waste, especially colored plastic, by contact with acid parts of the sink.

The preparation is used undiluted, it is slowly poured directly from the bottle in the prescribed amount into the cleaned waste. After pouring the product into the waste, leave it on for 15-30 minutes and then rinse with plenty of water. In case of completely clogged waste, first aspirate the water, mechanically release the available parts of the waste and then gradually dose the product in small doses.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. Exposure limit value

###### Sulphuric acid - mist

CAS: 7664-93-9

Limit values - Eight hours	Limit values - Short-term	Note
0.05 mg/m <sup>3</sup> - ppm	- mg/m <sup>3</sup> -	- ppm

##### 8.1.2. Biological limit values

Not determined in EU.

##### 8.1.3. DNEL and PNEC values

###### Sulphuric acid

CAS: 7664-93-9

###### DNEL

Area of use	Route of exposure	Effect	Exposure time	Value
Workers	Inhalation	Local effect	Long term	0.05 mg/m <sup>3</sup>
Workers	Inhalation	Local effect	Acute/short term	0.1 mg/m <sup>3</sup>

PNEC - not yet available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

Use only in well-ventilated areas.

Observe usual safety precautions for working with chemicals. The degree of effectiveness of personal protective equipment depends on temperature and ventilation levels.

### 8.2.2. Individual protection measures, such as personal protective equipment

Do not eat, drink or smoke. After work, wash thoroughly with warm water and soap and take a shower. Use protective cream. Do not soiled protective equipment to wash, do not use solvents.

#### Eye/face protection

Wear safety tightly-fitting glasses or face shield.

#### Skin protection - hand protection

Wear protective gloves.

Recommended gloves material: natural rubber, nitrile rubber, neoprene, polyvinyl chloride, viton

breakthrough time: > 480 min.

The selection of the glove material on consideration of the breakthrough time, permeability, degradation and next relevant factors; other chemicals that may come into contact, physical requirements (cut and puncture protection, dexterity, thermal protection), possible body reactions to the glove material and the glove supplier's instructions and specifications. In case of repeated use of gloves, clean and keep them in a well-ventilated place before taking off.

#### Skin protection - other

Suitable protective working clothing and footwear.

#### Respiratory protection

Not necessary in case of compliance concentration limits (if they were exceeded, use a respirator against mist or sulfur oxides). In the event of an accident or a fire use self-contained breathing apparatus.

#### Thermal hazards

In normal use is not necessary protective equipment to be worn for materials that represent a thermal hazard.

### 8.2.3. Environmental exposure controls

Uncontrolled release of the substance into environment is to be avoided. Keep the emission limits according to national legislation.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Sulphuric acid

CAS: 7664-93-9

<b>Physical state</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Odourless.
<b>Melting point/freezing point</b>	-15 °C (95 - 98% solution).
<b>Boiling point or initial boiling point and boiling range</b>	330 °C (95 - 98% solution).
<b>Flammability</b>	The substance is not classified as flammable, pyrophoric or emit flammable gases under standard conditions.
<b>Lower explosion limit</b>	Not determined.
<b>Upper explosion limit</b>	Not determined.

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

<b>Flash point</b>	Not determined, it is an inorganic substance.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition temperature</b>	Not determined, it is not a self-reactive substance or an organic peroxide or a substance that may decompose.
<b>pH</b>	< 1.
<b>Kinematic viscosity</b>	Not determined, it is not a hydrocarbon or a chlorinated hydrocarbon.
<b>Solubility</b>	Miscible with water.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined, it is an inorganic substance.
<b>Vapour pressure</b>	0.485 hPa (75% sulphuric acid, OECD 104).
<b>Density and/or relative density</b>	$D_4^{20} = 1.84$ (93 - 100% sulphuric acid, OECD 109).
<b>Relative vapour density</b>	Not determined.
<b>Particle characteristics</b>	Does not apply to liquid.

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

Sulphuric acid	CAS: 7664-93-9
----------------	----------------

##### **Explosives**

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive properties.

##### **Flammable gases**

It is not gas.

##### **Aerosols**

It is not aerosol.

##### **Oxidising gases**

It is not gas.

##### **Gases under pressure**

It is not gas.

##### **Flammable liquids**

Data for the substance are not available.

The substance is not classified as a flammable liquid, it is an inorganic substance.

##### **Flammable solids**

It is not solid.

##### **Self-reactive substances and mixtures**

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive or self-reactive properties.

##### **Pyrophoric liquids**

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

Data for the substance are not available.

The substance is stable in air, there is no spontaneous ignition.

### ***Pyrophoric solids***

It is not solid.

### ***Self-heating substances and mixtures***

Data for the substance are not available.

The substance is not classified as self-heating.

### ***Substances and mixtures, which emit flammable gases in contact with water***

Data for the substance are not available.

The chemical structure of the substance does not contain metals or metalloids.

The substance is miscible with water and forms a stable mixture with it.

### ***Oxidising liquids***

Data for the substance are not available.

It is an inorganic substance does not contain chemical groups associated with oxidising properties.

### ***Oxidizing solids***

It is not solid.

### ***Organic peroxides***

Data for the substance are not available.

The substance does not contain a bivalent group -O-O- with at least one organic radical.

### ***Corrosive to metals***

Data for the substance are not available.

The substance is not classified as corrosive to metal.

### ***Desensitised explosives***

Data for the substance are not available.

The substance does not contain chemical groups associated with explosive properties.

### **9.2.2. Other safety characteristics**

<b><i>Mechanical sensitivity</i></b>	Not determined, it is not an explosive substance.
<b><i>Self-accelerating polymerisation temperature</i></b>	Not determined, it is not a polymerising substance.
<b><i>Formation of explosible dust/air mixtures</i></b>	Not determined, it is not a dust.
<b><i>Acid/alkaline reserve</i></b>	Not determined.
<b><i>Evaporation rate</i></b>	Not determined.
<b><i>Miscibility</i></b>	Not determined.
<b><i>Conductivity</i></b>	Not determined.
<b><i>Corrosiveness</i></b>	Not determined.
<b><i>Gas group</i></b>	Not determined, it is not gas.
<b><i>Redox potential</i></b>	Not determined.
<b><i>Radical formation potential</i></b>	Not determined.
<b><i>Photocatalytic properties</i></b>	Not determined.

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

**Odour threshold** 0.1 ppm

**Dissociation constant (pKa)** 1.92

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reacts with metals to form hydrogen. Exothermic reaction with bases and water.

#### 10.2. Chemical stability

Stable under recommended storage conditions.

#### 10.3. Possibility of hazardous reactions

Reacts with metals to form hydrogen. Exothermic reaction with bases and water. Carbonizes most organic substances. Spontaneous combustion may occur in high concentrations in contact with flammable substances.

#### 10.4. Conditions to avoid

Protect from humidity, high temperature and contact with incompatible substances.

Protect from frost.

#### 10.5. Incompatible materials

Strong bases, bases, carbides, powder metals, chlorates, perchlorates, nitrates, picrates, strong oxidizing agents, permanganates, alkali metals, flammable materials.

#### 10.6. Hazardous decomposition products

Burning releases sulphur oxides, hydrogen sulphide and products of incomplete combustion.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Sulphuric acid** CAS: 7664-93-9

##### Acute toxicity

**Oral** Based on available data, the classification criteria are not met.  
LD<sub>50</sub> = 2 140 mg/kg (rat, literature).

**Dermal** Data for the substance are not available.

**Inhalation** Based on available data, the classification criteria are not met.  
LC<sub>50</sub> = 375 mg/m<sup>3</sup> (rat, 4 h, aerosol, OECD 403).

##### Skin corrosion/irritation

The substance is classified as skin corrosion in category 1A according to harmonized classification.

##### Serious eye damage/irritation

The substance is classified as seriously damaging to the eyes according to harmonized classification.

##### Respiratory or skin sensitisation

Data for the substance are not available.

##### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Negative (bacterial reverse mutation assay, in vitro mammalian chromosome aberration test).

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

### **Carcinogenicity**

Based on available data, the classification criteria are not met.

NOAEL = 0.5 ml (0.6% solution, rat, oral).

NOAEC = 100 mg/l (hamster, inhalation-aerosol).

### **Reproductive toxicity**

Data for the substance are not available.

### **STOT – single exposure**

Data for the substance are not available.

### **STOT – repeated exposure**

Based on available data, the classification criteria are not met.

LOAEC = 0.3 mg/m<sup>3</sup> (rat, inhalation-aerosol, 28 days, OECD 412).

### **Aspiration hazard**

The substance is not a hydrocarbon or a chlorinated hydrocarbon with a kinematic viscosity of 20.5 mm<sup>2</sup>/s or less at 40 °C.

### **Other information**

See section 2 and 4.

## **11.2. Information on other hazards**

The substance does not meet the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in accordance with Annex XIII of REACH regulation. The substance is not mentioned on the Candidate list for possible inclusion in Annex XIV of REACH at the date of the revision of the safety data sheet (established in accordance with Article 59(1) of REACH regulation).

The substance was not identified as endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. There is no other relevant information on adverse health effects that is not required according to the classification criteria set out in CLP Regulation.

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

#### **Sulphuric acid**

CAS: 7664-93-9

The substance is not classified as hazardous for the aquatic environment.

#### **Fish**

LC<sub>50</sub>, 96 hrs., *Lepomis macrochirus*: > 16 - < 28 mg/l (mortality, literature).

NOEC, *Salvelinus fontinalis*: 0.31 mg/l (larval development, literature).

#### **Crustaceans**

EC<sub>50</sub>, 24 hrs., *Daphnia Magna*: > 100 mg/l (mobility, OECD 202).

#### **Algae**

EC<sub>50</sub>, 72 hrs., *Desmodesmus subspicatus*: > 100 mg/l (growth rate, OECD 201).

### **12.2. Persistence and degradability**

#### **Sulphuric acid**

CAS: 7664-93-9

Not determined, it is an inorganic substance.

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

### 12.3. Bioaccumulative potential

**Sulphuric acid** CAS: 7664-93-9

Not determined, it is an inorganic substance.

### 12.4. Mobility in soil

**Sulphuric acid** CAS: 7664-93-9

Not determined, it is an inorganic substance.

### 12.5. Results of PBT and vPvB assessment

The substance does not meet the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in accordance with Annex XIII of REACH regulation. The substance is not mentioned on the Candidate list for possible inclusion in Annex XIV of REACH at the date of the revision of the safety data sheet (established in accordance with Article 59(1) of REACH regulation).

### 12.6. Endocrine disrupting properties

The substance is not mentioned on the Candidate list for possible inclusion in Annex XIV of REACH at the date of the revision of the safety data sheet (established in accordance with Article 59(1) of REACH regulation. The substance was not identified as endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### 12.7. Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### **Disposal methods of the substance or mixture and the contaminated packaging**

Dispose according to the applicable European and local regulations (eg. in a hazardous waste incinerator). **Do not empty unused product into drainage systems.** Do not contaminate ponds or ditches with the product or used container. Hand over the residual amounts and solutions to a licensed disposal company. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### **Possible waste code**

06 01 01\* - sulphuric acid and sulphurous acid (substance), 15 01 10\* - packaging containing residues of or contaminated by hazardous substances (contaminated packaging), 15 01 02 - plastic packaging (clear packaging).

#### **Physical/chemical properties that may affect waste treatment options**

Not known.

#### **Special precautions recommended for waste management**

Not known.

#### **Waste legislation**

Directive 2008/98/EC on waste and repealing certain Directives, as amended.

## SECTION 14: Transport information

This product is not classified as a dangerous for transportation (ADR/RID, IMDG, ICAO/IATA).

### 14.1. UN number or ID number

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

UN 1830.

### 14.2. UN proper shipping name

SULPHURIC ACID.

### 14.3. Transport hazard class(es)

8.

### 14.4. Packing group

II.

### 14.5. Environmental hazards

It is not dangerous for the environment during transport.

### 14.6. Special precautions for user

Not given.

### 14.7. Maritime transport in bulk according to IMO instruments

Not available.

### 14.8. Other information

#### Labeling according to ADR



#### Additional data for ADR/RID

Classification code	C1
Labels	8
Hazard identification code	80
Tunnel restriction code	E (ADR), - (RID)
Limited quantities	1 l
Excepted quantities	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
Transport category	2

#### Additional data for IMDG

Emergency Schedules (EmS)	F-A/S-B.
---------------------------	----------

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

Regulation No. 1907/2006/EC, concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals, as amended (REACH)

Regulation No. 1272/2008/EC, on Classification, Labelling and Packaging of substances and mixtures, as amended (CLP)

Regulation No. 528/2012/EC concerning the making available on the market and use of biocidal products, as amended

Regulation No. 648/2004/EC on detergents, as amended

### 15.2. Chemical safety assessment

Performed for substance.

## SECTION 16: Other information

### Reason for the revision of the safety data sheet

Revision of all sections according to Commission Regulation (EU) 2020/878/EC.

### Key or legend to abbreviations and acronyms

Eye Irrit. 2	Eye irritation, cat. 2
Skin Corr. 1A	Skin corrosion, cat. 1A
Skin Irrit. 2	Skin irritation, cat. 2
ADR	Accord Dangereuses Route
CLP	Regulation No. 1272/2008/EC, on Classification, Labelling and Packaging of substances and mixtures
DNEL	Derived No Effect Level
ICAO/IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
PBT	Persistent, bioaccumulative, toxic substance
PNEC	Predicted No Effect Concentration
REACH	Regulation No. 1907/2006/EC, concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail
STOT	Specific target organ toxicity
vPvB	Very persistent and very bioaccumulative substance

### Sources of key data used to compile the Safety Data Sheet

European legislation, manufacturer's safety data sheet, registration dossier of substances.

### List of H- and P- phrases

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P310	Immediately call a POISON CENTER/doctor.
P501	Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

# SAFETY DATA SHEET

according to Regulation No. 1907/2006 of the European Parliament and of the Council, as subsequently amended

## CLEAMEN 420

### **Training advice**

According to SDS.

### **Other information**

Classification according to data from the manufacturer. Use only for the purposes designated by the manufacturer, will prevent health and environmental risks.

The information in this SDS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

The safety data sheet is created in accordance with Regulation No. 2020/878/EC. There is no additional information in accordance with the local and national legislation of the Member State in the European Union, in the safety data sheet.

The safety data sheet was created by company LACHEPRA s.r.o.