

\* Lizerna Carat

Date revised: 15.06.2021

# 8770091221

Version: 1 / GB

Master No. MA-211

Date of printing: 15.07.2021

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

### **1.1. Product identifier**

**Trade name**

Lizerna Carat

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

**Use of the substance/mixture**

Textile finish

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

**Address/Manufacturer**

BÜFA Reinigungssysteme  
GmbH & Co. KG August-Hanken-Str. 30  
August-Hanken-Str. 30  
26125 Oldenburg  
Telephone no. +49 441 9317 0  
Fax no. +49 441 9317 100  
Information provided Department product safety / +49 441 9317 108  
by / telephone  
E-Mail produktsicherheit-rs@buefa.de

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

Giftzentrale Goettingen: +49 551 19240

## **SECTION 2: Hazards identification**

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

**Classification (Regulation (EC) No. 1272/2008)**

Eye Irrit. 2 H319

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### **2.2. Label elements**

**Labelling according to regulation (EC) No 1272/2008****Hazard pictograms****Signal word**

Warning

**Hazard statements**

H319 Causes serious eye irritation.

**Precautionary statements**

P280.9 Wear 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.  
P337+P313 If eye irritation persists: Get medical advice/attention.

### **2.3. Other hazards**

The product does not contain PBT/vPvB-substances

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## **SECTION 3: Composition/information on ingredients**

### **3.2. Mixtures**

#### **Hazardous ingredients**

##### **Isotridecanol, ethoxylated**

CAS No.	69011-36-5
EINECS no.	931-138-8
Concentration	>= 1 < 3 %
Acute Tox. 4	H302
Eye Dam. 1	H318

##### **Quaternary ammonium compounds benzyl-C12-16-alkyldimethyl, chlorides**

CAS No.	68424-85-1
EINECS no.	270-325-2
Concentration	>= 0,1 < 1 %
Acute Tox. 4	H302
Skin Corr. 1B	H314
Aquatic Acute 1	H400

For explanation of abbreviations see section 16.

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

#### **After skin contact**

Wash off immediately with soap and water.

#### **After eye contact**

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Seek medical advice immediately.

#### **After ingestion**

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

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

There is no further relevant information available

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

There is no further relevant information available

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Carbon dioxide, Dry powder, Water spray jet

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

If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

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

Cool endangered containers with water spray jet.

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

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

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High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

## 6.2. Environmental precautions

Do not allow to enter drains or waterways.

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

Take up with absorbent material (eg sand, kieselguhr, universal binder). When picked up, treat material as prescribed under Section 13 "Disposal".

## 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Observe the usual precautions for handling chemicals.

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

Emptied containers may contain product residues and therefore must be handled with care. Reuse only after appropriate cleaning. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### 7.3. Specific end use(s)

No information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

List

There is not known any national exposure limit.

### 8.2. Exposure controls

#### General protective and hygiene measures

Observe the usual precautions for handling chemicals. Personal protective equipment must comply with the Regulation (EC) No 2016/425 and the resulting CEN standards.

#### Respiratory protection

Not necessary.

#### Hand protection

Chemical resistant gloves

Appropriate Material

nitrile

Material thickness

>=

0,6

mm

Breakthrough time

480

min

#### Eye protection

Tightly fitting safety glasses

#### Body protection

Clothing as usual in the chemical industry.

## SECTION 9: Physical and chemical properties

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

#### Form

liquid

#### Colour

yellow to brown

#### Odour

Product specific

#### pH value

Value

4,5

to

5,5

#### Boiling point

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Value	100		°C
<b>Flash point</b>			
Value	> 100		°C
<b>Density</b>			
Value	appr. 1,04		kg/l
<b>Solubility in water</b>			
Remarks	miscible		
<b>Viscosity</b>			
Value	appr. 11		s
Method	DIN 53211 4 mm		

## 9.2. Other information

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

### 10.2. Chemical stability

The product is stable.

### 10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

### 10.4. Conditions to avoid

Protect from heat and direct sunlight.

### 10.5. Incompatible materials

None known

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute oral toxicity

ATE	> 10.000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

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

#### Acute dermal toxicity

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

#### Acute inhalational toxicity

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

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

evaluation	irritant
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The classification criteria are met.

#### Sensitization

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

#### Mutagenicity

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

#### Carcinogenicity

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

**Reproductive toxicity**

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

**Specific Target Organ Toxicity (STOT)****Single exposure**

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

**Repeated exposure**

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

**Aspiration hazard**

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

**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity**

For this subsection there is no ecotoxicological data available on the product as such.

**Daphnia toxicity****Quaternary ammonium compounds benzyl-C12-16-alkyldimethyl, chlorides**

Species	Daphnia magna	
EC50	0,015	mg/l
Duration of exposure	48	h

**Algae toxicity**

For this subsection there is no ecotoxicological data available on the product as such.

**Bacteria toxicity**

For this subsection there is no ecotoxicological data available on the product as such.

**12.2. Persistence and degradability**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

**12.3. Bioaccumulative potential**

For this subsection there is no ecotoxicological data available on the product as such.

**12.4. Mobility in soil**

For this subsection there is no ecotoxicological data available on the product as such.

**12.5. Results of PBT and vPvB assessment****Evaluation of persistence and bioaccumulation potential**

The product does not contain PBT/vPvB-substances

**12.6. Other adverse effects**

For this subsection there is no ecotoxicological data available on the product as such.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

**Disposal recommendations for packaging**

Completely emptied packagings can be given for recycling.

**SECTION 14: Transport information**

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	Land transport ADR/RID	Marine transport IMDG/GGVSee
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.

## SECTION 15: Regulatory information

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

#### VOC

VOC (EU) 0,04 %

#### Ingredients (Regulation (EC) No 648/2004)

##### less than 5 %:

non-ionic surfactants, cationic surfactants

##### Further ingredients

perfumes, Benzyl alcohol, Alpha Methyl Ionone, 2-(4-tert-butylbenzyl)propionaldehyde, Hexyl Cinnamal, linalool

#### Other information

The product does not contain substances of very high concern (SVHC).

### 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## SECTION 16: Other information

#### Hazard statements listed in Chapter 3

H302 Harmful if swallowed.  
 H314 Causes severe skin burns and eye damage.  
 H318 Causes serious eye damage.  
 H400 Very toxic to aquatic life.

#### Abbreviations

PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: Very persistent and very bioaccumulative

#### CLP categories listed in Chapter 3

Acute Tox. 4 Acute toxicity, Category 4  
 Aquatic Acute 1 Hazardous to the aquatic environment, acute, Category 1  
 Eye Dam. 1 Serious eye damage, Category 1  
 Skin Corr. 1B Skin corrosion, Category 1B

#### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
 This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.