

\* Lizerna Fresh

Date revised: 29.08.2016

# 8770068221

Version: 9 / GB

Master No. MA-211

Date of printing: 12.09.18

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

### **1.1. Product identifier**

#### **Trade name**

Lizerna Fresh

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

#### **Use of the substance/mixture**

Textile auxiliary

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

#### **Address/Manufacturer**

BÜFA Reinigungssysteme

GmbH &amp; 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

### **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

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

### **Hazardous ingredients**

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**Isotridecanol, ethoxylated**

CAS No.	69011-36-5				
EINECS no.	931-138-8				
Concentration	>=	1	<	10	%
Acute Tox. 4	H302				
Eye Dam. 1	H318				

**2-phosphonobutane-1,2,4-tricarboxylic acid**

CAS No.	37971-36-1				
EINECS no.	253-733-5				
Registration no.	01-2119436643-39-XXXX				
Concentration	>=	1	<	10	%
Eye Irrit. 2	H319				
Met. Corr. 1	H290				

**sodium cumenesulphonate**

CAS No.	28348-53-0				
EINECS no.	248-983-7				
Concentration	>=	1	<	10	%
Eye Irrit. 2	H319				
STOT SE 3	H335				

**fatty alcohol alkoxyate**

Registration no.	NICHT RELEVANT (POLYMER)				
Concentration	>=	0,1	<	1	%
Acute Tox. 4	H302				
Eye Irrit. 2	H319				
Aquatic Chronic 3	H412				

**Alcohol C12-C14, ethoxylated (>2-5 EO)**

CAS No.	68439-50-9				
EINECS no.	500-213-3				
Registration no.	01-2119487984-16-XXXX				
Concentration	>=	0,1	<	1	%
Eye Dam. 1	H318				
Aquatic Acute 1	H400				
Aquatic Chronic 3	H412				

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**

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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**

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.

Storage class according to 12 Non-combustible liquids  
TRGS 510

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

No information available

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Exposure limit values**

#### **Ethanol**

List EH40

Type WEL

Value 1920 mg/m<sup>3</sup> 1000 ppm(V)

Maximum limit value; Skin resorption / sensibilisation: Pregnancy group: Status: 2011

### **8.2. Exposure controls**

#### **General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

#### **Respiratory protection**

Not necessary.

#### **Hand protection**

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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**

<b>Form</b>	liquid			
<b>Colour</b>	colourless			
<b>Odour</b>	Product specific			
<b>pH value</b>				
Value	3,5	to	4,5	
<b>Flash point</b>				
Value	> 100			°C
<b>Density</b>				
Value	appr. 1,08			kg/l
<b>Solubility in water</b>				
Remarks	miscible			
<b>Viscosity</b>				
Value	appr. 14			s

**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)	

**Acute dermal toxicity**

No toxicological data are available.

**Acute inhalational toxicity**

No toxicological data are available.

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**Skin corrosion/irritation**

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

**Serious eye damage/irritation**

Long lasting irritation of the eyes possible.

**Sensitization (Components)**

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

**Mutagenicity**

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

**Carcinogenicity**

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)**

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**

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

**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.

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## **SECTION 14: Transport information**

### **Land transport ADR/RID**

Non-dangerous goods

### **Marine transport IMDG/GGVSee**

The product does not constitute a hazardous substance in sea transport.

## **SECTION 15: Regulatory information**

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

#### **less than 5 %:**

non-ionic surfactants, phosphonates

#### **Further ingredients**

(R)-p-mentha-1,8-diene, Alpha Methyl Ionone, 2-(4-tert-butylbenzyl)propionaldehyde, Hexyl Cinnamal

#### **VOC**

VOC (EU) 1,44 %

#### **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**

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

### **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
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Met. Corr. 1	Substance or mixture corrosive to metals, Category 1
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

### **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.