

\* Ozerna Bright Green

Date revised: 10.08.2021

# 7020003220

Version: 1 / GB

Master No. MA-212

Date of printing: 04.03.2022

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

### **1.1. Product identifier**

#### **Trade name**

Ozerna Bright Green

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

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

Detergents

### **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)**

Skin Corr. 1A H314

Eye Dam. 1 H318

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**

Danger

#### **Hazard statements**

H314 Causes severe skin burns and eye damage.

#### **Precautionary statements**

P280.2 Wear protective gloves/eye/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor.

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**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains Potassium hydroxide;Sodium hydroxide;Alkylpolyglucoside

**2.3. Other hazards**

The product does not contain PBT/vPvB-substances

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Hazardous ingredients****Potassium hydroxide**

CAS No.	1310-58-3				
EINECS no.	215-181-3				
Registration no.	01-2119487136-33-XXXX				
Concentration	>= 10	<	25	%	
Acute Tox. 4	H302				
Skin Corr. 1A	H314				
Met. Corr. 1	H290				

**Sodium hydroxide**

CAS No.	1310-73-2				
EINECS no.	215-185-5				
Registration no.	01-2119457892-27-XXXX				
Concentration	>= 10	<	25	%	
Skin Corr. 1A	H314				
Met. Corr. 1	H290				

**D-Glucopyranose, oligomers, decyl octyl glycosides**

CAS No.	68515-73-1				
EINECS no.	500-220-1				
Registration no.	01-2119488530-36-XXXX				
Concentration	>= 1	<	10	%	
Eye Dam. 1	H318				

**Alkylpolyglucoside**

CAS No.	110615-47-9				
EINECS no.	600-975-8				
Registration no.	01-2119489418-23-XXXX				
Concentration	>= 1	<	10	%	
Eye Dam. 1	H318				
Skin Irrit. 2	H315				

**Citric acid, anhydrous**

CAS No.	77-92-9				
EINECS no.	201-069-1				
Registration no.	01-2119457026-42-XXXX				
Concentration	>= 1	<	10	%	
Eye Irrit. 2	H319				

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. Summon a doctor immediately.

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**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**

Do not induce vomiting. Call in a physician immediately and show him the Safety Data Sheet.

**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, Extinguishing measures to suit surroundings

**Non suitable extinguishing media**

Full water jet

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

In case of combustion evolution of dangerous gases possible. If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

**5.3. Advice for firefighters**

Use self-contained breathing apparatus.  
Cool endangered containers with water spray jet.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Keep people away and stay on the upwind side. Use breathing apparatus if exposed to vapours/dust/aerosol. 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**

Provide good ventilation of working area (local exhaust ventilation if necessary).  
Containers in danger should be cooled with water.

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

Keep only in original packaging. Provide alkali-resistant floor. Store product in closed containers.  
Do not store together with: Acids, Aluminium  
Keep container tightly closed.

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

No information available

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

### **8.1. Control parameters**

#### **Exposure limit values**

##### **Potassium hydroxide**

List EH40  
 Type WEL  
 Short term exposure limit 2 mg/m<sup>3</sup>  
 Maximum limit value; Skin resorption / sensibilisation: Pregnancy group: Status: 2011

##### **Sodium hydroxide**

List EH40  
 Type WEL  
 Short term exposure limit 2 mg/m<sup>3</sup>  
 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**

Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, Filter B

#### **Hand protection**

Chemical resistant gloves  
 Appropriate Material nitrile  
 Material thickness >= 0,7 mm  
 Breakthrough time 480 min

#### **Eye protection**

Tightly fitting safety glasses

#### **Body protection**

Alkali-resistant protective clothing

## **SECTION 9: Physical and chemical properties**

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

**Form** liquid  
**Colour** colourless to yellowish  
**Odour** Product specific  
**pH value**  
 Value 12,00 to 13,00  
 Concentration/H<sub>2</sub>O 1 %  
**Flash point**  
 Value > 100 °C  
**Density**  
 Value appr. 1,25 kg/l  
 Temperature 20 °C  
**Solubility in water**  
 Remarks miscible  
**Viscosity**  
 Value appr. 13 s  
 Temperature 20 °C  
 Method DIN 53211 4 mm

## **SECTION 10: Stability and reactivity**

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**10.1. Reactivity**

Corrodes aluminium.

**10.2. Chemical stability**

The product is stable.

**10.3. Possibility of hazardous reactions**

Strong exothermic reaction with acids.

**10.4. Conditions to avoid**

Protect from heat and direct sunlight.

**10.5. Incompatible materials**

Strong exothermic reaction with acids. Reactions with metals, with evolution of hydrogen.

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

ATE	5.000	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**

evaluation	corrosive
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The classification criteria are met.

**Serious eye damage/irritation**

evaluation	corrosive
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The classification criteria are met.

**Sensitization**

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

**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)****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**

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**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.Do not discharge product unmonitored into the environment.

**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.

**Behaviour in sewers [waste treatment plants]**

The product is an alkaline solution. Neutralization is normally necessary before a waste water is discharged into sewage treatment plants.

**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
Tunnel restriction code	E	
14.1. UN number	3266	3266
14.2. UN proper shipping name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Potassium hydroxide, Sodium hydroxide)	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Potassium hydroxide, Sodium hydroxide)
14.3. Transport hazard class(es)	8	8
Label		
14.4. Packing group	II	II
Limited Quantity	1 I	
Transport category	2	

## SECTION 15: Regulatory information

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

#### VOC

VOC (EU) 0 %

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

##### 15 % or over but less than 30 %:

non-ionic surfactants

##### less than 5 %:

polycarboxylates

#### Further ingredients

optical brighteners

#### Other information

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

The HSNO Approval Number for this Group Standard is HSR002526.

### 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.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

### Abbreviations

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PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very persistent and very bioaccumulative

**CLP categories listed in Chapter 3**

Acute Tox. 4

Acute toxicity, Category 4

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

Skin Corr. 1A

Skin corrosion, Category 1A

Skin Irrit. 2

Skin irritation, Category 2

**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.