

* Ozerna Rainbow

Date revised: 29.05.2015

8770045

Version: 7 / EU

: MA-201

Date of printing: 02.06.15

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Trade name**

Ozerna Rainbow

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

Detergent

1.3. Details of the supplier of the safety data sheet

BÜFA Reinigungssysteme

GmbH & Co. KG

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 address: produktsicherheit-rs@buefa.de

1.4. Emergency telephone number

Gifftzentrale Göttingen: +49 551 19 240

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification (Regulation (EC) No. 1272/2008)**

Skin Irrit. 2 H315

Eye Dam. 1 H318

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

Danger

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements

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

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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.

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

contains Disodium metasilicate; Isotridecanol, ethoxylated

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****Sodium carbonate**

CAS No.	497-19-8	EINECS no.	207-838-8
Registration no.	01-2119485498-19-XXXX		
Concentration	>= 10 <	25 %	

Eye Irrit. 2 H319

disodium disilicate

CAS No.	13870-28-5	EINECS no.	237-623-4
Registration no.	01-2119485031-47-XXXX		
Concentration	>= 10 <	25 %	

Eye Dam. 1 H318

Isotridecanol, ethoxylated

CAS No.	69011-36-5	EINECS no.	500-241-6
Concentration	>= 1 <	10 %	

Eye Dam. 1 H318

Aquatic Chronic 3 H412

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

	EINECS no.	932-051-8	
Registration no.	01-2119565112-48-XXXX		
Concentration	>= 1 <	10 %	

Skin Irrit. 2 H315

Eye Dam. 1 H318

Aquatic Chronic 3 H412

Disodium metasilicate

CAS No.	6834-92-0	EINECS no.	229-912-9
Registration no.	01-2119449811-37-XXXX		
Concentration	>= 1 <	5 %	

Skin Corr. 1B H314

STOT SE 3 H335

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. Summon a doctor immediately.

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

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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**

Dry powder, Water spray jet, Foam

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Fire residues must be disposed of in a proper manner.

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

Avoid dust formation. 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

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**

Avoid dust formation. Provide exhaust ventilation if dust is formed.

7.2. Conditions for safe storage, including any incompatibilities

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage class according to 13 Non- combustible solids
TRGS 510

Keep container tightly closed, cool and dry.

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.

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Respiratory protection

Use breathing apparatus in dust-laden atmosphere. Short term: filter apparatus, Filter P3

Hand protection

Chemical resistant gloves

Appropriate Material nitrile

Breakthrough time 480 min

Eye protection

Tightly fitting safety glasses

Body protection

Impermeable protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Form** Powder**Colour** white**Odour** Product specific**pH value**

Value 10,0 to 11,0

Concentration/H₂O 1 %**Flash point**

Remarks Not applicable

Solubility in water

Remarks miscible

9.2. Other information**Bulk density**Value 700 to 900 kg/m³**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 against wetness.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

No hazardous decomposition products known.

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

No toxicological data are available.

Acute dermal toxicity

No toxicological data are available.

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Acute inhalational toxicity

No toxicological data are available.

Skin corrosion/irritation

Irritating effects on the skin and mucous membrane.

Serious eye damage/irritation

Risk of serious damage to eyes.

Sensitization

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**

No toxicological data are available.

Daphnia toxicity

No toxicological data are available.

Algae toxicity

No toxicological data are available.

Bacteria toxicity

No toxicological data are available.

12.2. Persistence and degradability

Ecological data are not available.

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

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)****5 % or over but less than 15 %:**

non-ionic surfactants, zeolites

less than 5 %:

anionic surfactants, phosphates

Further ingredients

2-(4-tert-butylbenzyl)propionaldehyde, Citronellol, geraniol, Hexyl Cinnamal

VOC

VOC (EU) 0 %

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**

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

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
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Abbreviations

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

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.