

Safety data Sheet

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According to Regulation (EU) 1907/2006

Datum: 04.04.2020

BAuA-Reg.-Nr N-80401

1 Identification of Substance / Preparation and Company

- 1.1 Product identifier/name:** BONECO Clean & Protect
- 1.2 Relevant uses:** disinfectant; Odor control; mold control
- 1.3 Producer / Supplier:** Kolibri Holding GmbH
Kopernikusstraße
17a
85092 Kösching, Germany
Telefon: + 49 (0) 800 510 48 38
E-Mail: Info@Kolibri-net.com
Internet: www.Kolibri-net.com
- 1.4 Information :** Info@Kolibri-net.com
- 1.5 Emergency - Telephone:** Poison information center Mainz
Langenbeckstr. 1
D-55131 Mainz
Tel.: + 49 (0) 6131/19240

2 Hazards Identification

2.1 Classification of the substance: The mixture does not meet the criteria for classification according to Regulation (EC) No 1272/2008:

2.3 Label elements according to (EC) No 1272/2008 :

- **Hazard pictograms:** not mandatory
- **Signal word:** not mandatory
- **hazards:** not mandatory
- **Precautionary statements:**
 - P102* Keep out of the reach of children.
 - P103* Read label before use.
 - P501* Contents / container approved waste disposal company or municipal collection point respectively.
 - *) P-rate is only required for delivery to the general public, but not for professional / industrial use.

2.4 Other hazards: No particular hazards known

3 Composition / Information on Ingredients

3.1 substances

Not applicable. The substance is a mixture.

3.2 mixtures

The following composition is formed by electrolysis of sodium chloride solution.

Sodium hypochlorite; EC No .: 231-668-3; Registration No: 01-2119488154-34; CAS No .: 7681-52-9
% by weight: 0.05% based on active chlorine
Classification according to Regulation (EC) No 1272/2008: does not meet the criteria for classification.

Chlorine dioxide; EG-Nr.:233-162-8; Registration No: 01-2119492305-37; CAS No .: 10049-04-4
% by Weight: <0.005%
Classification according to Regulation (EC) No 1272/2008: does not meet the criteria for classification.

Sodium chloride, EC number 231-598-3; Registration No: 01-2119485491-33; CAS number 7647-14-5
% by Weight: <0.2%
Classification according to Regulation (EC) No 1272/2008: does not meet the criteria for classification.

4 First Aid Measures

4.1 Description of the first aid measure

General information:

First Aider: Pay attention to self-protection (see Section 8)! move affected person to fresh air.
Take off contaminated clothes immediately. Loosen draining clothes.

After inhalation:

First Aider: Pay attention to self-protection (see Section 8)! Move affected person to fresh air.

After skin contact:

Wash off with plenty of water. Remove contaminated clothing. In case of persistent irritation consult a doctor .

After eye contact:

Remove contact if any lens. At least 15 minutes with eyelid open with plenty of water do the washing up. If irritation persists, consult a doctor.

Ingestion: Rinse mouth with water. Drink plenty of water. No to trigger vomiting
Consult a doctor.

4.2 Most important acute and delayed symptoms and effects.

The main known symptoms and effects are described in Section 11.
If used correctly, no danger is to be expected.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment. No specific antidote known.

5 Fire fighting measures

5.1 Extinguishing Agent

Suitable: carbon dioxide (CO₂), alcohol-resistant foam, dry extinguishing agent, water spray.
Extinguishing measures must suit the environment.
Unsuitable: Do not use water with full jet.

5.2 Special hazards arising from the substance or mixture

Non-combustible material. In case of fire, small amounts of hazardous gases are possible: Hydrogen Chloride, chlorine.

5.3 Advice for firefighters

In case of fire in the presence of vapors, aerosols, combustion products: ambient air independent
Use respiratory protective device. Reaction with textiles made of wool or cotton. By heating
Cool the container with water or remove it from the danger zone.

5.4 Additional information

No additional information available.

6 Accidental Release Measures

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|---|---|
| 6.1 Personal Precautions: | Special danger of slipping due to leaked or spilled product |
| 6.2 Environmental Precautions: | No, under normal conditions. |
| 6.3 Methods for Cleaning up: | Absorb with liquid-binding material (sand, kieselguhr, acid binder, universal binder, sawdust). The captured material disposed of properly. |
| 6.4 Reference to other sections: | see Section 8 |

7 Handling and storage

7.1 Protective measures for safe

Handling: If handled properly no special measures required.

7.2 Requirements for storage rooms

and containers: Do not store together with alkalis. Protect against UV light and heat.
No special requirements for containers and bearings.

Storage class (TRGS 510): LGK 12. Non-flammable liquids.

7.3 Specific end uses: see section 1.2

8 Exposure controls and personal protective equipment

8.1 Workplace-related limit values to be monitored (DE):

Not relevant

8.2 Limitation and monitoring of environmental exposure:

No data is available.

8.3 Personal protective equipment:

- **Eye protection:** No action required under normal conditions.

- **Hand protection:** No action required under normal conditions.
 - **Respiratory Protection:** No action required under normal conditions.
 - **Body protection:** No action required under normal conditions.
- 8.4 Other protective measures:** Avoid contact with eyes. See section 4
- 8.5 Thermal hazards:** Not determined.

9 physical and chemical properties

9.1 Information on the basic

Physical and chemical Characteristics:

- **Form:** Liquid
- **Color:** Colorless
- **Odor:** Chlorine-like
- **taste:** salty
- **Odor threshold:** Not determined
- **pH value:** 8.0 up to 8.5
- **pH value [1%]:** Not determined
- **Initial boiling point /
Boiling range [° C]:** approx. 100
- **Flash point [° C]:** Not applicable
- **Ignitability firm /
gaseous [° C]:** Not applicable
- **Lower flammability or
Explosion limit:** Not determined
- **Upper flammability or
Explosion limit:** Not determined
- **Oxidizing properties:** no
- **Vapor pressure [kPa]:** Not determined
- **Relative density [g / ml]:** approx. 1
- **Bulk density [Kg / m3]:** Not applicable
- **Solubility in water:** Miscible
- **partition coefficient
[n-octanol / water]:** Not determined
- **Viscosity:** Not determined
- **Vapor density:** Not determined
- **Evaporation rate:** Not determined
- **Melting point /
Freezing point [° C]:** 0
- **Self-ignition
temperature [° C]:** Not applicable
- **decomposition
temperature [° C]:** 60

10 Stability and Reactivity

- 10.1 Reactivity:** None known in proper use

10.2 Chemical stability:	Stable at room temperature. See section 9
10.3 Possibility of dangerous Reactions:	Reactions with strong alkalis and oxidizing agents.
10.4 Conditions to avoid:	Temperature greater than 60 ° C and direct UV radiation.
10.5 Incompatible materials:	Reaction with strong alkalis and oxidizing agents.
10.6 Hazardous Additional Products:	None known.

11 Toxicological information

11.1 Acute toxicity:	
▪ Inhalation:	Based on available information: No classification.
▪ Oral:	Based on available information: No classification.
▪ Dermal:	Based on available information: No classification.
11.2 Serious eye damage:	Based on the information given: No classification.
11.3 Corrosion / irritation Sin:	Non-irritating. Product has passed German Dermatest.
11.4 Sensitization of respiratory Lanes and Skin:	Based on information available: No classification.
11.5 Specific Target Organ Toxicity with single exposure:	Based on the available information: No classification.
11.6 Specific Target Organ Toxicity After repeated exposure:	Based on the available information: No classification.
11.7 Mutagenicity:	Based on the available information: No classification.
11.8 Reproductive toxicity:	Based on the information available: No classification.
11.9 Carcinogenicity:	Based on the information available: No classification.
11.10 Aspiration hazard:	Based on the information available: No classification.
11.11 General remarks:	Toxicological data are not available. Dermatology test is available.

12 Ecological information

12.1 Environmental toxicity:	Based on the available information: No classification.
12.2 Persistence and degradability:	
▪ Biodegradability:	No surfactants and no preservatives included.
▪ Behavior in sewage treatment plants:	Not determined
▪ Behavior in environmental compartments:	Not determined
12.3 Bioaccumulative potential:	Not determined
12.4 Mobility in soil:	Not determined
12.5 Results of PBT and vPvB Assessment:	Do not classify as PBT or vPvB.
12.6 Other adverse effects:	Not known

13 Disposal considerations

13.1 Waste treatment methods:	Disposal taking into account Waste Directive 2008/98 / EC as well as national and regional regulations. A determination of a waste code number according to the European Waste Catalogue is not possible for this product, because this is done
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only on the purpose of use by the user. Therefore, the waste code number should be set with the disposer by the user.

13.2 Recommended Waste

Catalogue no. Product: 070699 Waste not elsewhere specified
(Dispose with authorities if necessary).

13.3 Recommended Waste

Catalogue No. Packaging: 150102 Plastic packaging

14 Transport information

14.1 UN number:

- Land transport according to ADR / RID: Not applicable
- Inland navigation (ADN): Not applicable
- Sea transport to IDMG: Not applicable
- Air transport according to IATA: Not applicable

14.2 Proper UN Shipping

designation:

- Land transport according to ADR / RID: Not dangerous goods
- Inland navigation (ADN): Not dangerous goods
- Sea transport according to IDMG: Not Classified as "Dangerous Goods"
- Air transport according to IATA: Not Classified as "Dangerous Goods"

14.3 Transport Hazard Class:

- Land transport according to ADR / RID: Not applicable
- Inland navigation (AND): Not applicable
- Sea transport according to IDMG: Not applicable
- Air transport according to IATA: Not applicable

14.4 Packing Group:

- Land transport according to ADR / RID: Not applicable
- Inland navigation (AND): Not applicable
- Sea transport to IDMG: Not applicable
- Air transport according to IATA: Not applicable

14.5 Environmental hazards

- Land transport according to ADR / RID: no
- Inland Waterways (AND): no
- Sea transport according to IDMG: no
- Air transport according to IATA: no

14.6 Special provisions: See sections 6 to 8

14.7 Bulk transport according to

Annex II of the MARPOL Convention

Coming and according to IPC Code: Not applicable

15 Legal provisions

15.1 Safety assessment:

Safety assessments in substances of this mixture were not carried out.

15.2 EU regulations:

1967/548 (1999/45); 1991/689(2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EWG

(2008/47/RG); 453/2010/EG

15.3 Transport regulations:

ADR(2017); IMDG(2017,38 Amdt.); IATA-DGR(2017)

15.4 National regulations (DE):

- **Water hazard class:** 1
- **Incident Regulations:** Not applicable
- **TA Luft:** Not applicable
- **GISBAU, Product code:** Not determined
- **Storage class (TRGS 510):** LGK 12 (non-flammable liquids)
- **employment restrictions:** None
- **VOC (2010/75 / EC):** Not applicable
- **Other regulations:** Not applicable

16 Further Information

The information is based on the current state of our knowledge and serves to describe the product with regard to the safety precautions to be taken. They do not represent an assurance of product features.