

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2013

Revision: 17.01.2013

### 1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** Cervacol Extra
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the preparation** Game repellent
- **Details of the supplier of the safety data sheet**
- **Supplier:**  
Cheminova Deutschland GmbH & Co. KG  
Stader Elbstrasse  
D-21683 Stade  
Tel: +49 (0) 4141 9204 0  
Fax: +49 (0) 4141 9204 210  
datenblatt@cheminova.com  
www.cheminova.de
- **Further information obtainable from:**  
Cheminova Deutschland GmbH & Co. KG  
Stader Elbstrasse  
D-21683 Stade  
Tel: +49 (0) 4141 9204 0  
Fax: +49 (0) 4141 9204 210  
datenblatt@cheminova.com  
www.cheminova.de
- **Emergency telephone number:**  
Tel. : +49 (0)551 19240 (GIZ-Nord Poisons Centre, Göttingen) (24 h) "Member of EPECS Network"

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **Label elements**
- **Labelling according to EU guidelines:**  
Observe the general safety regulations when handling chemicals.  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- **Special labelling of certain preparations:**  
Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.  
To avoid risks for humans and environment obtain instructions.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

(Contd. on page 2)

## Safety data sheet

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





(Contd. of page 1)

· **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Paste (PA) as mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 1332-58-7	Kaolin substance with a Community workplace exposure limit	40-50%
CAS: 14808-60-7 EINECS: 238-878-4	Quartz (SiO <sub>2</sub> )	20-30%
CAS: 64-17-5 EINECS: 200-578-6	ethanol  F R11  Flam. Liq. 2, H225	2-5%
CAS: 2634-33-5 EINECS: 220-120-9	1,2-benzisothiazol-3(2H)-one  Xn R22;  Xi R38-41;  Xi R43;  N R50  Eye Dam. 1, H318;  Aquatic Acute 1, H400;  Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	< 0.04%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4 First aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. Then consult a doctor.  
If contact lenses are worn, remove after 5 minutes of rinsing, then continue rinsing.
- **After swallowing:**  
Rinse mouth with plenty of water; do not swallow.  
Call a doctor immediately.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
Symptomatic treatment (decontamination, vital functions), no specific antidote known.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet

(Contd. on page 3)

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 17.01.2013

Revision: 17.01.2013

**Trade name: Cervacol Extra**

(Contd. of page 2)

- **Special hazards arising from the substance or mixture**  
Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide (CO)  
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
Wear fully protective suit.  
Wear self-contained respiratory protective device.
- **Additional information**  
Collect contaminated fire fighting water separately. It must not enter the sewage system.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures**  
Avoid contact with eyes, skin and clothing.  
Wear protective clothing.
- **Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.
- **Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose of the material collected according to regulations.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**7 Handling and storage**

- **Handling:**
- **Precautions for safe handling**  
Wear personal protection equipment.  
Avoid contact with the eyes, the skin and clothing.  
Keep out of the reach of children.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Store only in the original receptacle.
- **Information about storage in one common storage facility:**  
Do not store together with foodstuffs, beverages and feed.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.  
Protect from frost.  
Keep out of reach for children.
- **Recommended storage temperature:** Store between 0 °C and 30 °C.

(Contd. on page 4)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2013

Revision: 17.01.2013

**Trade name: Cervacol Extra**

(Contd. of page 3)

- **Storage class:** 12 (TRGS 510): Non-combustible liquids
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

#### · Control parameters

#### · Ingredients with limit values that require monitoring at the workplace:

##### 1332-58-7 Kaolin

WEL Long-term value: 2 mg/m<sup>3</sup>

##### 64-17-5 ethanol

WEL Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm

- **Additional information:** The lists valid during the making were used as basis.

#### · Exposure controls

#### · Personal protective equipment:

#### · General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Avoid close or long term contact with the skin.

Do not eat or drink while working.

Do not inhale gases / fumes / aerosols.

- **Respiratory protection:** Not necessary if room is well-ventilated.

#### · Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

#### · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Recommend are gloves made of:

Polyvinyl chloride (PVC, ≥ 0.7 mm thickness)

Rubber

#### · Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### · Not suitable are gloves made of the following materials:

Strong material gloves

Leather gloves

(Contd. on page 5)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2013

Revision: 17.01.2013

**Trade name: Cervacol Extra**

(Contd. of page 4)

· **Eye protection:**



Safety glasses

· **Body protection:** Protective work clothing

### 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Viscous

Colour: Blue

· **Odour:** Like alcohol

· **pH-value at 20 °C:** 9.5

· **Change in condition**

Boiling point/Boiling range: Not applicable.

· **Flash point:** > 55 °C (EEC A.9)

· **Flammability (solid, gaseous):** Product is not flammable (EEC A.10).

· **Ignition temperature:** > 400 °C (EEC A.15)

· **Self-igniting:** Product is not selfigniting. (EEC A.15).

· **Danger of explosion:** Product does not present an explosion hazard if used and stored according to specifications.

· **Explosion limits:**

Lower: 3.5 Vol % (Ethanol)

Upper: 15.0 Vol % (Ethanol)

· **Vapour pressure at 20 °C:** 57 hPa (Ethanol)

· **Density at 20 °C:** 1.677 g/cm<sup>3</sup>

· **Solubility in / Miscibility with water:**

Dispersible.

· **Viscosity:**

Dynamic at 20 °C: 10350 mPas (OECD 114)

Kinematic: Not determined.

· **Other information** No further relevant information available.

### 10 Stability and reactivity

· **Reactivity**

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

(Contd. on page 6)

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 17.01.2013

Revision: 17.01.2013

**Trade name: Cervacol Extra**

(Contd. of page 5)

- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**  
No dangerous decomposition products are known according to conventional storage and handling.  
See Section 5 for information about hazardous decomposition products in case of fire.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

Oral	LD50	> 10000 mg/kg (rat)
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- **Primary irritant effect:**
- **on the skin:** There may be irritation and redness (without labelling).
- **on the eye:** There may be irritation and redness (without labelling).
- **Sensitization:**  
No sensitizing effects known.  
Not determined.
- **Additional toxicological information:**  
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
- **Sensitisation** Contains 1,2-benzisothiazol-3(2H)-one. May cause sensitization by skin contact.

## 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

EC50 (48 h) (static)	> 500 mg/L (Daphnia magna) (OECD 2020)
EC50 (72h) (static)	> 500 mg/L (Pseudokirchneriella subcapitata) (OECD 201)
LC50 (96 h) (static)	> 500 mg/L (Oncorhynchus mykiss) (OECD 203)

- **Persistence and degradability** No further relevant information available.
- **Other information:** Chemical flocculation can eliminate product from water.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow product to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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(Contd. on page 7)

**Safety data sheet**  
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Revision: 17.01.2013

**Trade name: Cervacol Extra**

(Contd. of page 6)

**13 Disposal considerations**

- **Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Must be specially treated adhering to official regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

**14 Transport information**

- |  |  |
|--|--|
| · <b>UN-Number</b>   |  |
| · <b>ADR, ADN, IMDG, IATA</b>  | Void   |
| · <b>UN proper shipping name</b>   |  |
| · <b>ADR, ADN, IMDG, IATA</b>  | Void   |
| · <b>Transport hazard class(es)</b>  |  |
| · <b>ADR, ADN, IMDG, IATA</b>  |  |
| · <b>Class</b>   | Void   |
| · <b>Packing group</b>   |  |
| · <b>ADR, IMDG, IATA</b>   | Void   |
| · <b>Environmental hazards:</b>  |  |
| · <b>Marine pollutant:</b>   | No   |
| · <b>Special precautions for user</b>  | Not applicable.  |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.  |
| · <b>Transport/Additional information:</b>                                       | No dangerous substance according to conditions of the dangerous goods regulations. |

**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations:**
- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- **Other regulations, limitations and prohibitive regulations**  
Avoid any unnecessary contact with the product.  
Any misuse may cause health problems.  
In order to avoid risks for man and environment keep to the user's instruction.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

GB

(Contd. on page 8)



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Revision: 17.01.2013

**Trade name: Cervacol Extra**

(Contd. of page 7)

**16 Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

**Relevant phrases***H225 Highly flammable liquid and vapour.**H302 Harmful if swallowed.**H315 Causes skin irritation.**H317 May cause an allergic skin reaction.**H318 Causes serious eye damage.**H400 Very toxic to aquatic life.**R11 Highly flammable.**R22 Harmful if swallowed.**R38 Irritating to skin.**R41 Risk of serious damage to eyes.**R43 May cause sensitisation by skin contact.**R50 Very toxic to aquatic organisms.***Department issuing MSDS:** Department of development and registration.**Contact:**

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**\* Data compared to the previous version altered.**

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