

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 11.02.2008

Revision: 12.12.2005

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** Cervical wax ckw
- **Article number:** 510 0060 5
- **Application of the substance / the preparation** Cervical wax
- **Manufacturer/Supplier:**
bredent GmbH & Co.KG
Weißenhorners Straße 2
89250 Senden
Tel: +49 (0) 7309/872-0
Fax: +49 (0) 7309/872-24
- **Further information obtainable from:**
R & D
e-mail: R.D@bredent.com
- **Information in case of emergency:** (001)3523233500 (24 h)

2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description**
Blend of waxes, polymers and resins
- **Identification number(s)**

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:**
Take affected persons into fresh air and keep quiet.
Seek medical treatment in case of complaints.
- **After skin contact:**
After contact with the molten product, cool rapidly with cold water.
Cover wound with a sterile dressing.
Seek medical treatment.
Do not pull solidified product off the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
Foam
Fire-extinguishing powder
Carbon dioxide
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
During heating or in case of fire poisonous gases are produced.
- **Protective equipment:** Wear self-contained respiratory protective device.

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6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:**
Allow to solidify. Pick up mechanically.
Dispose contaminated material as waste according to item 13.
- **Additional information:** See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Use only in well ventilated areas.
Keep away from heat and direct sunlight.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:** Store receptacle in a well ventilated area.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Avoid contact with the eyes and skin.
Avoid skin contact with the liquefied material.
Do not eat, drink, smoke or sniff while working.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:**
Use suitable respiratory protective device when high concentrations are present.
Filter A/P2
Filter P3
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
Nitrile rubber, NBR
Neoprene 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.
- **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.

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· **Eye protection:**

Tightly sealed goggles

· **Body protection:** Protective work clothing

9 Physical and chemical properties

· **General Information**

Form:	<i>Solid</i>
Colour:	<i>Red</i>
Odour:	<i>Characteristic</i>

· **Change in condition**

Melting point/Melting range: *78-83°C*
Boiling point/Boiling range: *Undetermined.*

· **Flash point:** *> 200°C*· **Flammability (solid, gaseous):** *Product is not flammable.*· **Danger of explosion:** *Product does not present an explosion hazard.*· **Density at 20°C:** *0.95 g/cm³*· **Solubility in / Miscibility with water:** *Insoluble.*

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:***No decomposition if used and stored according to specifications.*· **Dangerous reactions** *Reacts with strong oxidizing agents.*· **Dangerous decomposition products:**

The following may be given off during a fire:
Carbon monoxide and carbon dioxide
Poisonous gases/vapours

11 Toxicological information

· **Acute toxicity:**· **Primary irritant effect:**· **on the skin:** *Irritant to skin and mucous membranes.*· **on the eye:** *Irritating effect.*· **Sensitization:** *Sensitizing effect through inhalation is possible by prolonged exposure.*· **Additional toxicological information:***When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.**The substance is not subject to classification according to the latest version of the EU lists.*

12 Ecological information

· **General notes:** *Generally not hazardous for water*

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13 Disposal considerations

- **Product:**
- **Recommendation**
*Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
Smaller quantities can be disposed of with household waste.*
- **Uncleaned packaging:**
- **Recommendation:**
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **Marine pollutant:** No

15 Regulatory information

- **Labelling according to EU guidelines:**
*Observe the general safety regulations when handling chemicals.
The substance is not subject to classification according to EU lists and other sources of literature known to us.*

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.*
- **Department issuing MSDS:** R & D
 - **Contact:** R & D

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