

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 11.06.2010

Revision: 11.06.2010

## 1 Identification of substance

- **Product details**
- **Trade name** *WERA Ceramic Lubricant*
- **Application of the substance / the preparation** *Grease*
- **Manufacturer/Supplier:**  
*WERA WERK  
 Hermann Werner GmbH&Co.KG  
 Korzelter Strasse 21-25  
 D-42349 Wuppertal  
 Germany*
- **Informing department:**  
*Dipl.-Ing. Michael Abel  
 Leiter Produktentwicklung und Produktmanagement  
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 abel@wera.de*
- **Emergency information:** *Giftnotruf Berlin +49(0)30 30686 790 Beratung in Deutsch und Englisch*

## 2 Hazards identification

- **Hazard designation:**  
*Xi Irritant*
- **Information pertaining to particular dangers for man and environment**  
*R 41 Risk of serious damage to eyes.*
- **Classification system**  
*The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.*

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** *Mixture consisting of the following components with harmless additives.*

- **Dangerous components:**

CAS: 1305-62-0	Calciumhydroxid	Xi; R 38-41	<15%
EINECS: 215-137-3			

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

## 4 First aid measures

- **After inhalation** *Supply fresh air; consult doctor in case of symptoms.*
- **After skin contact** *Instantly wash with water and soap and rinse thoroughly.*
- **After eye contact**  
*Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.*
- **After swallowing** *Do not induce vomiting; instantly call for medical help.*

## 5 Fire fighting measures

- **Suitable extinguishing agents** *Extinguishing powder. Do not use water.*
- **Protective equipment:** *No special measures required.*

## 6 Accidental release measures

- **Person-related safety precautions:** *Wear protective equipment. Keep unprotected persons away.*
- **Measures for environmental protection:** *No special measures required.*

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- **Measures for cleaning/collecting:** Ensure adequate ventilation.

## 7 Handling and storage

- **Handling**
- **Information for safe handling:**
  - Keep containers tightly sealed.
  - Keep away from heat and direct sunlight.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** Store in cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from heat and direct sunlight.

## 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**

1305-62-0 Calciumhydroxid	
WEL	Long-term value: 5 mg/m <sup>3</sup>
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
  - The usual precautionary measures should be adhered to in handling the chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:** PVC gloves
- **Material of gloves:** Nitrile rubber, NBR
- **Penetration time of glove material:** Value for the permeation: Level  $\geq$  480
- **Eye protection:** Safety glasses

## 9 Physical and chemical properties:

### · General Information

<b>Form:</b>	Pasty
<b>Colour:</b>	White
<b>Smell:</b>	Odourless

### · Change in condition

**Melting point/Melting range:** Not determined

- |                                                  |                                    |
|--------------------------------------------------|------------------------------------|
| · <b>Flash point:</b>                            | >200°C (DIN 53 213)                |
| · <b>Self-inflammability:</b>                    | Product is not selfigniting.       |
| · <b>Danger of explosion:</b>                    | Product is not explosive.          |
| · <b>Density at 20°C</b>                         | 1.4 g/cm <sup>3</sup> (DIN 51 757) |
| · <b>Solubility in / Miscibility with Water:</b> | Insoluble                          |

## 10 Stability and reactivity

- **Conditions to be avoided:** No decomposition if used according to specifications.

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- **Materials to be avoided:**
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of composition:** None

## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritant effect.
- **Sensitization:** No sensitizing effect known.

## 12 Ecological information:

- **Additional ecological information:**
- **General notes:** Prevent entry of undiluted product or large quantities into sewers and waterways.

## 13 Disposal considerations

- **Product:**
- **Recommendation**  
Smaller quantities can be disposed with household garbage.  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

07 06 04	other organic solvents, washing liquids and mother liquors
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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** -
- **Maritime transport IMDG/GGVSea:**
- **Marine pollutant:** No
- **Transport/Additional information:** Not dangerous according to the above specifications.

## 15 Regulatory information

- **Designation according to EC guidelines:**  
The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)
- **Code letter and hazard designation of product:**  
Xi Irritant
- **Risk phrases:**  
41 Risk of serious damage to eyes.
- **Safety phrases:**  
24/25 Avoid contact with skin and eyes.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
39 Wear eye/face protection.  
60 This material and its container must be disposed of as hazardous waste.

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- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

**16 Other information:**

*These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Relevant R-phrases**
  - 38 Irritating to skin.
  - 41 Risk of serious damage to eyes.
- **Department issuing data specification sheet:** Abteilung Labor
- **Contact:** Dipl.-Ing. Michael Abel

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