

Productname : COPPER PASTE  
Ref.Nr.: BDS000180\_3\_20120320

Creationdate : 20.03.12 Version : 1.0  
Replaces: BDS000180\_20110606

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

### 1.1. Product identifier

COPPER PASTE  
Bulk

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Lubricants

### 1.3. Details of the supplier of the safety data sheet

CRC Industries Europe bvba  
Touwslagerstraat 1  
9240 Zele  
Belgium  
Tel.: +32(0)52/45.60.11  
Fax.: +32(0)52/45.00.34  
E-mail : hse@crcind.com

| Subsidiaries                    |                                                                         | Tel               | Fax              |
|---------------------------------|-------------------------------------------------------------------------|-------------------|------------------|
| CRC Industries Finland Oy       | Asemanrinne 13, 08500 Lohja                                             | +358/(19)32.921   | +358/(19)383.676 |
| CRC Industries France           | 6, avenue du marais, B.P. 90028, 95102 Argenteuil Cedex                 | 01.34.11.20.00    | 01.34.11.09.96   |
| CRC Industries Deutschland GmbH | Südring 9, D-76473 Iffezheim                                            | (07229) 303.0     | (07229)30 32 66  |
| CRC INDUSTRIES IBERIA S.L.U.    | GREMIO DEL CUERO-PARC.96, POLIGONO INDUSTRI. DE HONTORIA, 40195 SEGOVIA | 0034/921.427.546  | 0034/921.436.270 |
| CRC Industries Sweden           | Kryptogatan 14, 431 53 Mölndal                                          | 0046/31 706 84 80 | 0046/31 27 39 91 |

### 1.4. Emergency telephone number

CRC Industries Europe, Belgium: Tel.: +32(0)52/45.60.11 (office hours)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC:

|                 |                |
|-----------------|----------------|
| Health:         | not classified |
| Physical:       | not classified |
| Environment:    | not classified |
| Other hazards : | not classified |



# Safety Data Sheet

Regulation EC No 1907/2006 Art.31

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## 2.2. Label elements

**Risk-phrases(s) :** None  
**Safety-phrases(s) :** None

## 2.3. Other hazards

None

# SECTION 3: Composition/information on ingredients

## 3.1. Substances

Not applicable.

## 3.2. Mixtures

| Hazardous ingredient                                             | CAS-nr.   | EC-nr     | w/w % | symbol | R-phrases* | Notes |
|------------------------------------------------------------------|-----------|-----------|-------|--------|------------|-------|
| Copper                                                           | 7440-50-8 | 231-159-6 | 5-10  | -      | -          | B     |
| <b>Explanation notes</b>                                         |           |           |       |        |            |       |
| B : substance with national established workplace exposure limit |           |           |       |        |            |       |

(\* Explanation phrases : see chapter 16)

# SECTION 4: First aid measures

## 4.1. Description of first aid measures

**Contact with eyes :** If substance has got into eyes, immediately wash out with plenty of water for several minutes  
Seek medical attention if irritation persists  
**Contact with skin :** Wash with water and soap.  
Seek medical attention if irritation persists  
**Inhalation :** Fresh air, keep warm and at rest.  
Seek medical attention if ill effects occur  
**Ingestion :** If swallowed do not induce vomiting  
Seek medical advice

## 4.2. Most important symptoms and effects, both acute and delayed

**Inhalation :** No adverse health effects expected  
**Ingestion :** No adverse health effects expected  
**Skin contact :** Mildly irritating to skin  
Symptoms : redness and pain  
**Eye contact :** Mildly irritating to eyes  
Symptoms : redness and pain



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#### 4.3. Indication of any immediate medical attention and special treatment needed

**General Advice :** If you feel unwell, seek medical advice (show the label where possible)  
If symptoms persist always call a doctor

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

foam, carbon dioxide or dry agent

#### 5.2. Special hazards arising from the substance or mixture

Forms hazardous decomposition products  
CO,CO2

#### 5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water  
In case of fire, do not breathe fumes

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Shut off all ignition sources  
Ensure adequate ventilation  
Wear suitable protective clothing including eye/face protection.

#### 6.2. Environmental precautions

Do not allow to enter public sewers and watercourses  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

#### 6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material

#### 6.4. Reference to other sections

For further information see section 8

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Use only in well ventilated areas



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Avoid contact with skin and eyes.  
Wash thoroughly after use  
Wear protective gloves/protective clothing/eye protection/face protection.

## 7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated place  
Keep out of reach of children.

## 7.3. Specific end use(s)

Lubricants

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

Exposure limits :

| Hazardous ingredient                                 | CAS-nr.   | method |         |
|------------------------------------------------------|-----------|--------|---------|
| National established exposure limits, United Kingdom |           |        |         |
| Copper                                               | 7440-50-8 | TWA    | 1 mg/m3 |
|                                                      |           | STEL   | 2 mg/m3 |

## 8.2. Exposure controls

|                              |                                                                                 |
|------------------------------|---------------------------------------------------------------------------------|
| <b>Control procedures :</b>  | Ensure adequate ventilation                                                     |
| <b>Personal protection :</b> | Take precautions to avoid contact with skin and eyes when handling the product. |
|                              | Ensure adequate ventilation                                                     |
| <b>inhalation :</b>          | In case of insufficient ventilation, wear suitable respiratory equipment.       |
| <b>hands and skin :</b>      | Wear suitable protective gloves<br>(nitrile)                                    |
| <b>eyes :</b>                | Wear safety goggles.                                                            |

# SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

|                                         |                      |
|-----------------------------------------|----------------------|
| <b>Apperance : physical state :</b>     | Paste.               |
| <b>colour :</b>                         | Copper.              |
| <b>odour :</b>                          | Characteristic odor. |
| <b>pH :</b>                             | Not applicable.      |
| <b>Boiling point/range :</b>            | Not available.       |
| <b>Flash point :</b>                    | > 250 °C             |
| <b>Evaporation rate :</b>               | Not available.       |
| <b>Explosion limits : upper limit :</b> | Not available.       |



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|                       |                      |
|-----------------------|----------------------|
| lower limit :         | Not available.       |
| Vapour pressure :     | Not available.       |
| Relative density :    | 0.99 g/cm3 (@ 20°C). |
| Solubility in water : | Insoluble in water   |
| Auto-ignition :       | > 200 °C             |
| Viscosity :           | Not available.       |

### 9.2. Other information

VOC: 0 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purpose

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

### 10.4. Conditions to avoid

Avoid overheating

### 10.5. Incompatible materials

Strong oxidising agent

### 10.6. Hazardous decomposition products

CO,CO2

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                |                                    |
|----------------|------------------------------------|
| Inhalation :   | No adverse health effects expected |
| Ingestion :    | No adverse health effects expected |
| Skin contact : | May cause irritation.              |
| Eye contact :  | May cause irritation.              |

Toxicological data :



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Tel (+32) (0) 52 / 45 60 11 – Fax (+32) (0) 52 / 45 00 34 – [www.crcind.com](http://www.crcind.com)

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No information available

### SECTION 12: Ecological information

#### 12.1. Toxicity

not classified

#### Ecotoxicological data:

No information available

#### 12.2. Persistence and degradability

No experimental data available

#### 12.3. Bioaccumulative potential

No experimental data available

#### 12.4. Mobility in soil

Insoluble in water

#### 12.5. Results of PBT and vPvB assessment

No information available

#### 12.6. Other adverse effects

No experimental data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                                 |                                                                                                                                                                         |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product :</b>                | This material and its container must be disposed of in a safe way.<br>Do not discharge into drains or the environment, dispose to an authorised waste collection point. |
| <b>Contaminated packaging :</b> | Disposal should be in accordance with local, state or national legislation                                                                                              |

### SECTION 14: Transport information

#### 14.1. UN number



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UN-number : Not classified as hazardous for transport

### 14.2. UN proper shipping name

Proper shipping name: Not applicable.

### 14.3. Transport hazard class(es)

Class: Not applicable.  
ADR/RID - Classification code: Not applicable.

### 14.4. Packing group

Packing group: Not applicable.

### 14.5. Environmental hazards

ADR/RID - Environmentally hazardous: No  
IMDG - Marine pollutant: No  
IATA/ICAO - Environmentally hazardous: No

### 14.6. Special precautions for user

IMDG - Ems: Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The Safety Data Sheet is compiled according to the current European requirements.  
According to EU-directive 99/45/EC not classified  
Regulation (EC) No 1907/2006 (REACH)  
Regulation (EC) No 1272/2008

### 15.2. Chemical safety assessment

No information available

## SECTION 16: Other information

This product should be stored, handled and used in accordance with good industrial hygiene practices and in



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conformity with any legal regulation.

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