

Productname : COPPER PASTE Creationdate : 09.10.17 Version : 2.0
 Ref.Nr.: BDS001991_3_20171009 (EN) Replaces: BDS001991_20170629

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	Laurinkatu 57 A 23 B, 08100 Lohja	+358/(19)32.921	
CRC Industries France	6, avenue du marais, C.S. 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	Laxfiskevägen 16, 433 38 Partille	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 Regulation (EC) No 1272/2008

Physical: Not classified

Classification is based on test data.

Health: Not classified

Classification based on calculation method.



Productname : COPPER PASTE **Creationdate :** 09.10.17 Version : 2.0
Ref.Nr.: BDS001991_3_20171009 (EN) **Replaces:** BDS001991_20170629

Environment: Not classified
 Classification is based on test data.
Other hazards : Contains:
 C14-16-18 alkyl phenol
 May produce an allergic reaction.
Other hazards : Not classified

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

None

Precautionary statement(s): P102 : Keep out of reach of children.
 P280 : Wear protective gloves/protective clothing/eye protection/face protection.
 P333/313 : If skin irritation or rash occurs: Get medical advice/attention.

Supplemental Hazard information: Contains:
 C14-16-18 alkyl phenol
 May produce an allergic reaction.

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Mineral oil (IP 346 DSMO extract < 3%) based product.

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
Copper	01-2119480154-42	7440-50-8	231-159-6	<25	Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 2	H302,H400,H411	B,M
C14-16-18 alkyl phenol	01-2119498288-19	-	931-468-2	<1	Skin Sens. 1, STOT RE 2	H317,H373	

Explanation notes

B : substance with national established workplace exposure limit

M : M acute = 10

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures

4.1. Description of first aid measures



Productname : COPPER PASTE **Creationdate :** 09.10.17 Version : 2.0
Ref.Nr.: BDS001991_3_20171009 (EN) **Replaces:** BDS001991_20170629

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 :	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion :	May cause gastrointestinal disturbances
Skin contact :	May produce an allergic reaction. May cause irritation. Symptoms : redness and pain
Eye contact :	May cause irritation. Symptoms : redness and pain

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
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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



Productname : COPPER PASTE **Creationdate :** 09.10.17 Version : 2.0
Ref.Nr.: BDS001991_3_20171009 (EN) **Replaces:** BDS001991_20170629

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
 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 (dust)
		STEL	2 mg/m3 (dust)

8.2. Exposure controls

Control procedures : Ensure adequate ventilation



Productname :	COPPER PASTE	Creationdate :	09.10.17 Version : 2.0
Ref.Nr.:	BDS001991_3_20171009 (EN)	Replaces:	BDS001991_20170629

Personal protection :	Take precautions to avoid contact with skin and eyes when handling the product. It is good practice to wear gloves and to provide adequate ventilation whenever using the product. In all cases handle and use the product in accordance with good industrial hygiene practices.
inhalation :	In case of insufficient ventilation, wear suitable respiratory equipment.
hands and skin :	For accidental contact the use of disposable gloves should be sufficient provided they are changed immediately after a splash or spill may occur. If intentional contact is expected reusable gloves should be used with a breakthrough time greater than the total duration of the product use.
Recommended gloves:	Nitrile
eyes :	Wear safety eyewear according to EN 166.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Apperance : physical state :	Paste.
colour :	Copper.
odour :	Characteristic odor.
pH :	Not applicable.
Boiling point/range :	Not available.
Flash point :	> 250 °C
Evaporation rate :	Not available.
Explosion limits : upper limit :	Not available.
lower limit :	Not available.
Vapour pressure :	Not available.
Relative density :	0.99 g/cm ³ (@ 20°C).
Solubility in water :	Insoluble in water
Auto-ignition :	> 200 °C
Viscosity :	Not available.

9.2. Other information

VOC = volatile organic compounds	0 g/l
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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



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Ref.Nr.: BDS001991_3_20171009 (EN)
Creationdate : 09.10.17 Version : 2.0
Replaces: BDS001991_20170629

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

acute toxicity:	based on available data the classification criteria are not met
skin corrosion/irritation:	based on available data the classification criteria are not met
serious eye damage/irritation:	based on available data the classification criteria are not met
respiratory or skin sensitisation:	based on available data the classification criteria are not met
germ cell mutagenicity:	based on available data the classification criteria are not met
carcinogenicity:	based on available data the classification criteria are not met
toxicity for reproduction:	based on available data the classification criteria are not met
STOT-single exposure:	based on available data the classification criteria are not met
STOT repeated exposure:	based on available data the classification criteria are not met
aspiration hazard:	based on available data the classification criteria are not met

Information on likely routes of exposure:

Inhalation :	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion :	May cause gastrointestinal disturbances
Skin contact :	May cause irritation. May produce an allergic reaction.
Eye contact :	May cause irritation.

Toxicological data :

No information available

SECTION 12: Ecological information

12.1. Toxicity



Productname : COPPER PASTE
Ref.Nr.: BDS001991_3_20171009 (EN)

Creationdate : 09.10.17 Version : 2.0
Replaces: BDS001991_20170629

Not classified

Ecotoxicological data:

LC50 (fish) > 100 mg/l (96 hr)
EC50 (Daphnia magna) > 100 mg/l (48 hr)
EC50 (algae) > 100 mg/l (72 hr)

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 information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product :	This material and its container must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point.
National regulations :	Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

14.1. UN number

UN-number : Not classified as hazardous for transport

14.2. UN proper shipping name

Proper shipping name: Not applicable.



Productname : COPPER PASTE Creationdate : 09.10.17 Version : 2.0
Ref.Nr.: BDS001991_3_20171009 (EN) Replaces: BDS001991_20170629

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 MARPOL 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.
Regulation (EC) No 1907/2006 (REACH)
Regulation (EC) No 1272/2008 (CLP)

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation hazard statements: H302 : Harmful if swallowed.
H317 : May cause an allergic skin reaction.
H373 : May cause damage to organs through prolonged or repeated exposure
H400 : Very toxic to aquatic life.
H411 : Toxic to aquatic life with long lasting effects.
REVISIONS IN CHAPTRE : Classification according to Regulation (EC) No 1272/2008
Labelling according to Regulation (EC) No 1272/2008
8.2. Exposure controls
14.1. UN number



Productname :	COPPER PASTE	Creationdate :	09.10.17 Version : 2.0
Ref.Nr.:	BDS001991_3_20171009 (EN)	Replaces:	BDS001991_20170629

	14.3. Transport hazard class(es)
acronyms and synonyms:	TWA = time weight average
	STEL = short time exposure limit
	VOC = volatile organic compounds
	PBT = persistent bioaccumulative toxic
	vPvB = very persistent very bioaccumulative

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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