

Product name: Copper
 Company name: Tribo-Technik GmbH · Weserstrasse 30 · D-63071 Offenbach
 Product code: 21300 to 21315
 Compilation: 25.03.2015
 Revision: 05.08.2015 (E) Revision 9.0

1 Section 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier
 1.1.1 Product name: COPPER
 1.1.2 REACH registered name: PREPARATION NOT SUBJECT TO REACH
 1.1.3 Product code: 21300 to 21315
 1.2 Relevant identified uses of the substance or mixture and uses advised against
 1.2.1 Relevant identified uses: Anti-Seize Compound
 1.3 Details of the supplier of the safety data sheet
 1.3.1 Company Name:
 Tribo-Technik GmbH · Weserstrasse 30 · D-63071 Offenbach
 Tel. +49 69/85095 941 · Fax +49 69/85095 942
 Email: tribo@lubricating.de

1.4 Emergency telephone number

2 Section 2: Hazards identification

- 2.1 Classification of the substance or mixture
 2.1.1 Classification under CLP: Aquatic Chronic 3: H412
 2.1.2 Most important adverse effects: Harmful to aquatic life with long lasting effects.
 2.2 Label elements
 2.2.1 Label elements:
 2.2.2 Hazard statements: H412: Harmful to aquatic life with long lasting effects.
 2.2.3 Precautionary statements: P273: Avoid release to the environment.
 P501: Dispose of contents/container to an approved hazardous waste contractor.
 2.3 Other hazards
 2.3.1 PBT: This product is not identified as a PBT/vPvB substance.

3 Section 3: Composition/information on ingredients

- 3.1 Substances
 3.2 Mixtures
 3.2.1 Hazardous ingredients:
 COPPER PASTE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-159-6	7440-50-8	-	Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 2: H411	1-10%

- 3.2.2 Contains: No Hazardous Materials.
 Or at a concentration below reportable levels.

4 Section 4: First aid measures

- 4.1 Description of first aid measures
 4.1.1 Skin contact: Wash immediately with plenty of soap and water.
 4.1.2 Eye contact: Bathe the eye with running water for 15 minutes.
 4.1.3 Ingestion: Wash out mouth with water.
 4.1.4 Inhalation: Consult a doctor.
 4.2 Most important symptoms and effects, both acute and delayed
 4.2.1 Skin contact: There may be mild irritation at the site of contact.
 4.2.2 Eye contact: There may be irritation and redness.
 4.2.3 Ingestion: There may be irritation of the throat.
 4.2.4 Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
 4.3 Indication of any immediate medical attention and special treatment needed
 4.3.1 Immediate / special treatment: Not applicable.

5 Section 5: Fire-fighting measures

- 5.1 Extinguishing media
 5.1.1 Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.
 5.2 Special hazards arising from the substance or mixture
 5.2.1 Exposure hazards: In combustion emits toxic fumes.
 5.3 Advice for fire-fighters
 5.3.1 Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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6 Section 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
- 6.1.1 Personal precautions: Refer to section 8 of SDS for personal protection details.
- 6.2 Environmental precautions
- 6.2.1 Environmental precautions: Do not discharge into drains or rivers.
- 6.3 Methods and material for containment and cleaning up
- 6.3.1 Clean-up procedures: Wash the spillage site with large amounts of water.
- 6.4 Reference to other sections
- 6.4.1 Reference to other sections: Refer to section 8 of SDS.

7 Section 7: Handling and storage

- 7.1 Precautions for safe handling
- 7.1.1 Handling requirements: Avoid the formation or spread of dust in the air.
- 7.2 Conditions for safe storage, including any incompatibilities
- 7.2.1 Storage conditions: Store in a well ventilated area.
- 7.2.2 Suitable packaging: Must only be kept in original packaging.
- 7.3 Specific end use(s)
- 7.3.1 Specific end use(s): No data available.

8 Section 8: Exposure controls/personal protection

- 8.1 Control parameters
- 8.1.1 Workplace exposure limits: No data available.
DNEL/PNEC Values
DNEL / PNEC: No data available.
- 8.2 Exposure controls
- 8.2.1 Engineering measures: Ensure all engineering measures mentioned in section 7 of SDS are in place.
- 8.2.2 Respiratory protection: Respiratory protective device with particle filter.
- 8.2.3 Hand protection: Protective gloves.
- 8.2.4 Eye protection: Safety glasses. Ensure eye bath is to hand.
- 8.2.5 Skin protection: Protective clothing.

9 Section 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- 9.1.1 State: Paste
- 9.1.2 Colour: Gold-brown
- 9.1.3 Odour: Perceptible odour
- 9.1.4 Solubility in water: Insoluble
- 9.1.5 Boiling point/range °C: >290
- 9.1.6 Flash point °C: >200
- 9.2 Other information
- 9.2.1 Other information: No data available.

10 Section 10: Stability and reactivity

- 10.1 Reactivity
- 10.1.1 Reactivity: Stable under recommended transport or storage conditions.
- 10.2 Chemical stability
- 10.2.1 Chemical stability: Stable under normal conditions.
- 10.3 Possibility of hazardous reactions
- 10.3.1 Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.
- 10.4 Conditions to avoid
- 10.5 Incompatible materials
- 10.5.1 Materials to avoid: Strong oxidising agents. Strong acids.
- 10.6 Hazardous decomposition products
- 10.6.1 Haz. decomp. products: In combustion emits toxic fumes.

11 Section 11: Toxicological information

- 11.1 Information on toxicological effects
- 11.1.1 Toxicity values: No data available.
- 11.2 Symptoms / routes of exposure

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- 11.2.1 Skin contact: There may be mild irritation at the site of contact.
11.2.2 Eye contact: There may be irritation and redness.
11.2.3 Ingestion: There may be irritation of the throat.
11.2.4 Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

12 Section 12: Ecological information

- 12.1 Toxicity
12.1.1 Ecotoxicity values: No data available.
12.2 Persistence and degradability
12.2.1 Persistence and degradability: Biodegradable.
12.3 Bioaccumulative potential
12.3.1 Bioaccumulative potential: No bioaccumulation potential.
12.4 Mobility in soil
12.5 Results of PBT and vPvB assessment
12.5.1 PBT identification: This product is not identified as a PBT/vPvB substance.
12.6 Other adverse effects
12.6.1 Other adverse effects: Negligible ecotoxicity.

13 Section 13: Disposal considerations

- 13.1 Waste treatment methods
13.1.1 Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
13.1.2 Recovery operations: Use principally as a fuel or other means to generate energy.
13.1.3 Waste code number: 12 01 12
13.1.4 Disposal of packaging: Arrange for collection by specialised disposal company.
13.1.5 NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14 Section 14: Transport information

- 14.1 Transport class: This product does not require a classification for transport.

15 Section 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1.1 Specific regulations: Not applicable.
15.2 Chemical Safety Assessment

16 Section 16: Other information

- 16.1 Other information
16.1.1 Other information: Underlining indicates text in the SDS which has changed since the last revision.
16.1.2 Phrases used in s.2 and s.3:
H302: Harmful if swallowed.
H400: Very toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.
16.1.3 Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.