



Safety data sheet

Kema CU-1200 Copper Grease

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

Revision: 02-03-2010/ HN Replaces: 14-04-2004	Distributor: ITW Chemical Products Scandinavia Priorsvej 36 8600 Silkeborg
Product use: Copper paste.	Tel:(+45) 86 82 64 44 Fax:(+45) 86 82 64 64 Emergency telephone number: +4586826444 Emergency telephone number between 8 and 15.30 ; Monday to Friday. Contact person:Helle Nielsen Email: info@itw-scan.com
Varenummer: 80320 (500g)	

2. Hazards identification

The product shall not be classified as hazardous according to the national classification and labelling rules.
Additional information Material may cause slight irritation on prolonged or repeated contact. The product may cause slight transient irritation in the eyes.

3. Composition/information on ingredients

Einecs no.	CAS No.	Substances	Classification	w/w%
231-153-3	7440-44-0	Graphite Powder	-	5-15
231-159-6	7440-50-8	copper-	-	5-15

Please see section 16 for the full text of the R-phrases

4. First aid measures

Inhalation Seek fresh air. Seek medical advice if symptoms persist.
Ingestion Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. If vomiting occurs, keep head low so that stomach contents do not enter lungs. Seek medical advice in case of discomfort.
Skin Remove contaminated clothing. Wash skin with soap and water. Use a moisture cream. Seek medical advice if symptoms persist.
Eyes Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice if symptoms persist.
Burns Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
Other information When obtaining medical advice, show the safety data sheet or label.

5. Fire-fighting measures

Extinguish with powder, foam, carbon dioxide or water mist. Do not use water stream, as it may spread the fire. Use water or water mist to cool non-ignited stock. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air.

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6. Accidental release measures

Use the same personal protective equipment as stated in section 8. Prevent spillage from entering drains and/or surface water. Sweep up/collect spills for possible reuse or transfer to suitable waste containers. See section 13 for instructions on disposal.

7. Handling and storage

Handling

Avoid direct contact with the product. See section 8 for information about precautions for use and personal protective equipment.

Storage

Store in a dry, cool, well-ventilated area. Must be kept in original packing.

8. Exposure controls/ personal protection

Precautions for use

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Respiratory protection

Respiratory equipment not normally required.

Gloves and protective clothing

Use nitrile gloves if there is a risk of skin contact. Wear normal work wear.

Eye protection

Wear safety goggles if there is a risk of eye splash.

Occupational exposure limits

Ingredients	Exposure limit	Remarks
Oil-mist - mineral oils	5 mg/m ³ (8h), 10 mg/m ³ (15m)	

The exposure limits stated are in accordance with EH40/2002 Occupational Exposure Limits 2002.

Control methods

Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

9. Physical and chemical properties

Appearance: Dark brown paste

Odour: Weak

Melting point: >280 °C

Density: >1 g/mL

Solubility in water (g/100 ml): Not soluble in water.

Flash point: >200 °C

Auto ignition temperature: >200 °C

Oxidizing properties: Not oxidizing.

10. Stability and reactivity

The product is stable when used in accordance with the supplier's directions. Reacts with strong oxidizing agents. Combustion will generate: oxides of carbon and smoke, possibly thick and choking, resulting in zero visibility.

11. Toxicological information

Acute

Inhalation

At normal roomtemperature the product does not cause any health damage at inhalation.

Ingestion

Ingestion of large quantities may cause discomfort. May cause chemical pneumonia if ingested or vomited.

Skin contact

Prolonged skin contact can cause irritation.

Eye contact

May be strongly irritating to the eyes, causing reddening and increased tear production. All metalconnections are colloide (particle size between 1 and 100 milimicron). This means that the particles are bound in the paste.

Long-term effects

12. Ecological information

Ecotoxicity

No data available.

Mobility

Absorbed only slowly into soil. The product is non-volatile. The product is insoluble in water. The product has potential of binding to the sediment.

Persistence and degradability

The product is not expected to be naturally biological decomposable.

Bioaccumulative potential

The product is not expected to bioaccumulate.

13. Disposal considerations

Wasters, including emptied containers, are controlled wasters and should be disposed in accordance with regulation made by the local authorities.

EWC-code: The user must state the EAK-code for use and sector of business.

14. Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR and IMDG.

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15. Regulatory information

Hazard designation: It has been assessed that the product shall not be classified as hazardous according to the national classification and labelling rules.

Other labelling

Safety data sheet available for professional users on request.

Chemical safety assessment

Chemical safety assessment has not been performed.

16. Other information

Training requirement

No special training is required, but a thorough knowledge of this data safety sheet should be a prerequisite condition.

Sources used

Other information

The product should only be used for the stated application or applications.

The information in this MSDS are based on our present state of knowledge and on current EEC and national laws. The users own working conditions are beyond our knowledge and control. The information in this MSDS are meant as a description of the safety requirements of our product: it may not be considered as a guarantee of the products' properties.

Full text of the R-phrases that are stated in section 3.

Amendments have been made in the following sections

Following chapters have been changed: 1, 4, 5, 6, 7, 9, 11, 12 og 16.

ITW Chemical Products Scandinavia Priorsvej 36, 8600 Silkeborg +45 86 82 64 44/+45 86 82 64 64 (Made in Toxido®) UK