

**SAFETY DATA SHEET**  
**According to regulations**  
**NO. 2020/878**

COPPER ANTI-SEIZE COMPOUND

Revision date: 01/08/2023

Revision No: 6

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name: Grease copper 500g

ref: SGPG20

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

Use of substance / mixture: Lubricants, greases, release products.

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

Silverhook Ltd  
Unit 14 Bates Road  
Harold Wood, London, England  
RM3 0JH  
Tel.: +44 (0) 1708 330500  
Fax.:+ 44 (0) 1708330504  
Email: [522@silverhook.co.uk](mailto:522@silverhook.co.uk)  
Responsible person email: 522@silverhook.co.uk

**1.4. Emergency telephone number**

+44 (0) 1708330500 (during office hours)

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

Classification under CLP: Aquatic Chronic 1: H410

Most important adverse effects: Very toxic to aquatic life with long lasting effects.

**2.2. Label elements**

Label elements:

Hazard statements:

Hazard pictograms:

H410: Very toxic to aquatic life with long lasting effects.  
GHS09: Environmental



Signal words:

Precautionary statements:

Warning

P273: Avoid release to the environment

P391: Collect spillage

P501: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

**2.3. Other hazards**

PBT: This product is not identified as a PBT/vPvB substance.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

**SAFETY DATA SHEET**  
**According to regulations**  
**NO. 2020/878**

COPPER ANTI-SEIZE COMPOUND

**Hazardous ingredients**

COPPER PASTE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	-	-	Acute Tox. 4: H302; Acute Tox. 3: H331; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Irrit. 2: H319	3-10%

**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

**Skin contact**

Wash immediately with plenty of soap and water.

**Eye contact**

Bathe the eye with running water for 15 minutes.

**Ingestion**

Wash out mouth with water.

**Inhalation**

Consult a doctor.

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

**Skin contact**

There may be mild irritation at the site of contact.

**Eye contact**

There may be irritation and redness.

**Ingestion**

There may be irritation of the throat.

**Inhalation**

No symptoms.

**Delayed/immediate effects**

No data available

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

**Immediate/special treatment**

Not applicable

**SECTION 5: FIREFIGHTING MEASURES**

**5.1. Extinguishing media**

**Extinguishing media**

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards**

In combustion emits toxic fumes

**5.3. Advice for fire-fighters**

**Advice for fire-fighters**

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

**Personal precautions**

Refer to Section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

**6.2. Environmental precautions**

**Environmental precautions**

Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures**

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**SAFETY DATA SHEET**  
**According to regulations**  
**NO. 2020/878**

COPPER ANTI-SEIZE COMPOUND

**6.4. Reference to other sections**

**Reference to other sections**

Refer to Section 8 of SDS.

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

**Handling requirements**

Avoid direct contact with the substance.

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

**Storage conditions**

Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Suitable packaging**

Not applicable.

**7.3. Specific end use(s)**

**Specific end use(s)**

No data available.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Hazardous ingredients**

**COPPER PASTE**

**Workplace exposure limits**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	1 mgM3 for copper	-	-	2 mgM3 for Copper

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures**

The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection**

Respiratory protection not required.

**Hand protection**

Protective gloves.

**Eye protection**

Safety glasses.

**Skin protection**

Protective clothing.

**Environmental**

No special requirement.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

State:	Paste
Colour:	Copper
Odour:	Odourless
Solubility in water	Insoluble
Melting point/range (°C)	>200
Autoflammability (°C)	>200
Flash point (°C)	>200
Relative density	1.2

**9.2. Other information**

**Other information**

Not applicable.

**SAFETY DATA SHEET**  
**According to regulations**  
**NO. 2020/878**

COPPER ANTI-SEIZE COMPOUND

**SECTION 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

**Reactivity**

Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**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**

Heat

**10.5. Incompatible materials**

**Materials to avoid**

Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products**

In combustion emits toxic fumes

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

**Toxicity values**

No data available.

**Symptoms / routes of exposure**

**Skin contact**

There may be mild irritation at the site of contact.

**Eye contact**

There may be irritation and redness.

**Ingestion**

There may be irritation of the throat.

**Inhalation**

No symptoms

**Delayed/immediate effects**

No data available.

**Other information**

Not applicable

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**Ecotoxicity values**

No data available.

**12.2. Persistence and degradability**

**Persistence and degradability**

Not biodegradable

**12.3. Bioaccumulative potential**

**Bioaccumulative potential**

Bioaccumulation potential

**12.4. Mobility in soil**

**Mobility**

Readily absorbed into soil.

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

**PBT identification**

This product is not identified as a PBT/vPvB substance.

**SAFETY DATA SHEET**  
**According to regulations**  
**NO. 2020/878**

COPPER ANTI-SEIZE COMPOUND

**12.6. Other adverse effects**

**Other adverse effects**

Toxic to aquatic organisms. Toxic to soil organisms.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

**Disposal operations**

Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations**

Not applicable.

**Disposal of packaging**

Arrange for collection by specialised disposal company.

**NB:**

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**SECTION 14: TRANSPORT INFORMATION**

**14.1. UN Number**

UN number: UN3077

**14.2. UN proper shipping name**

Shipping name: Environmentally hazardous substance, solid, NOS

**14.3. Transport hazard class(es)**

**14.4. Packing group**

**14.5. Environmental hazards**

Environmentally hazardous

Yes

Marine pollutant

No

**14.6. Special precaution**

Special precautions

No special precautions

**SECTION 15: REGULATORY INFORMATION**

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

Specific regulations

Not applicable

**15.2. Chemical Safety Assessment**

Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**SECTION 16: OTHER INFORMATION**

**Other information**

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment regulation (EU) 2015/830  
**\*indicates text in the SDS which has changed since the last revision**

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.  
H319: Causes serious eye irritation  
H331: Toxic if inhaled  
H400: Very toxic to aquatic life  
H410: Very toxic to aquatic life with long lasting effects

Disclaimer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.