

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

1.1 Product identifier

Trade name: COPPER ANTI-SEIZE COMPOUND

Article number: TG8205

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

Use of substance / mixture: PC24: Lubricants, greases, release products.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: TYGRIS Industrial
Unit 31, Kyle Road Industrial Estate
Irvine
Ayrshire
KA12 8LE
Tel +44 (0) 1294 311 066
Fax +44 (0) 1294 277 115
Email technical@tygrisindustrial.com

Technical Department

Further information obtainable from:

Tel +44 (0) 1294 311 066

1.4 Emergency telephone number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Acute 1: H400; Aquatic Chronic 2: H411

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

2.2. Label elements

Hazard Statements: H400: Very toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS09: Environmental



Signal Word: Warning

Precautionary Statements: P273: Avoid release to the environment.
P391: Collect spillage.
P501: Dispose of contents/container to approved waste disposal contractor.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

COPPER PASTE. - REACH registered number(s): 01-2119480154-42

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%

GRAPHITE POWDER

231-955-3	7782-42-5	Substance with a Community workplace exposure limit.	-	1-10%
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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 irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be irritation of the throat.
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

Immediate / special treatment:	Not applicable.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

Extinguishing media:	Suitable extinguishing media for the surrounding fire should be used.
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5.2. Special hazards arising from the substance or mixture

Exposure hazards:	In combustion emits toxic fumes.
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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.
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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. 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.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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 the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): PC24: Lubricants, greases, release products.

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
UK	1 mg/m ³	2mg/m ³	-	-

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EU	-	-	5mg/m ³	-
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DNEL/PNEC Values

COPPER PASTE

Type	Exposure	Value	Population	Effect
DNEL	Dermal	273mg/kg	Workers	Systemic
DNEL	Inhalation	20mg/m ³	Workers	Systemic
DNEL	Dermal	273mg/kg	Consumers	Systemic
DNEL	Inhalation	20mg/m ³	Consumers	Systemic
DNEL	Dermal (repeated dose)	137mg/kg	Workers	Systemic
PNEC	Fresh water	0.0078mg/l	-	-
PNEC	Fresh water sediments	87mg/kg	-	-
PNEC	Marine water	0.0052mg/l	-	-
PNEC	Marine sediments	676mg/kg	-	-
PNEC	Microorganisms in sewage treatment	0.23mg/l	-	-
PNEC	Soil (agricultural)	65.5mg/kg	-	-

8.2. Exposure controls

Engineering measures:

Ensure there is sufficient ventilation of the area.

Respiratory protection:

Respiratory protective device with particle filter.

Hand protection:

Protective gloves.

Eye protection:

Safety glasses. Ensure eye bath is to hand.

Skin protection:

Protective clothing.

Environmental:

No special requirement.

