

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: COPPER-GRAPHITE ANTI-SEIZE COMPOUND **Product code:** SAS107

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

Company name: Workshop Supplies
High Street
Newton on Trent
Lincoln
LN1 2JS
+44 (0) 1777 228778
enquiries@workshopsupplies.co.uk

1.4. Emergency telephone number

Emergency Tel: 0113 213 4300 (Office Hours Only)

Section 2: Hazards identification**2.1. Classification of the substance or mixture Classification**

under CHIP: N: R51/53

Classification under CLP: Aquatic Chronic 3: H412

Most important adverse effects: Harmful to aquatic life with lasting effects.

2.2. Label elements

Label elements under CLP

Hazard statements:

H412: Harmful to aquatic life with long lasting effects.
GHS09: Environmental



Precautionary statements:

P273: Avoid release to the environment.
P501: Dispose of contents/container to approved waste contractor.

2.3. Other hazards

Other hazards:

In use, may form flammable / explosive vapour-air mixture.

PBT:

This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients**3.2. Mixtures**

Hazardous ingredients:

LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED LIGHT

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**COPPER GRAPHITE ANTI-SEIZE COMPOUND**

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

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

Section 4: First aid measures**4.1. Description of first aid measures**

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open.
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: Not applicable

4.3. Indication of any immediate medical attention and special treatment needed Immediate / special treatment:**Section 5: Fire-fighting measures****5.1. Extinguishing media**

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: 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. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Refer to Section 8 of SDS for personal protection details.

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

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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 cool, well ventilated area.

Suitable packaging: Must only be kept in original container.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Not applicable.

Hand protection: Protective gloves.

Eye protection: Safety goggles. Ensure eye bath is to hand.

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: Dark brown.

Odour: Perceptible odour

9.2. Other information

Other information: Not applicable.

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.

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**10.4. Conditions to avoid****10.5. Incompatible materials****Materials to avoid:**

Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products**Haz. decomp. products:**

In combustion emits toxic fumes of carbon dioxide/carbon monoxide.

Section 11: Toxicological information**11.1. Information on toxicological effects****Toxicity values:** No data available.**Symptoms / routes of exposure****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:** Not applicable.**Section 12: Ecological information****12.1. Toxicity****Ecotoxicity values:** No data available.**12.2. Persistence and degradability****Persistence and degradability:** Only slightly biodegradable.**12.3. Bioaccumulative potential****Bioaccumulative potential:** No data available.**12.4. Mobility in soil****Mobility:** No data available.**12.5. Results of PBT and vPvB assessment****PBT identification:** This substance is not identified as a PBT/vPvB substance.**12.6. Other adverse effects****Other adverse effects:** Negligible ecotoxicity.**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: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).**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.

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**Section 14: Transport information****14.1. Transport Class**

Transport Class: This product does not require a classification for transport.

Section 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical Safety Assessment****Section 16: Other information****Other information**

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 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.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legend to abbreviations:

PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight bw = body weight cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

[cont...]

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

PCP = physico-chemical properties

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