

COPPER GREASE - ANTI-SEIZE COMPOUND

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Revision No: 3

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

1.1. Product identifier

Product name: COPPER GREASE - ANTI-SEIZE COMPOUND

Product code: SAS107/173

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:	VAN-LINE LTD
	Gelderd Road
	Leeds
	LS12 6NA
	United Kingdom
Tel:	+44 (0)1132134300
Fax:	+44 (0)1132134319
Email:	contact@van-line.co.uk

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

Label elements:	
Hazard statements:	H400: Very toxic to aquatic life.
	H411: Toxic to aquatic life with long lasting effects.
Hazard pictograms:	GHS09: Environmental
Signal words:	Warning
Precautionary statements:	P273: Avoid release to the environment.

P391: Collect spillage.

P501: Dispose of contents/container to hazardous or special waste collection point.

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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:	1-10%
			H400; Aquatic Chronic 2: H411	

GRAPHITE POWDER

231-955-3	7782-42-5	Substance with a Community	-	1-10%	
		workplace exposure limit.			

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: 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: There may be irritation of the throat with a feeling of tightness in the chest.

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: 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.

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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.

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: Ensure there is sufficient ventilation of the area.

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): 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
UK	1mg/m3	2mg/m3	-	-

GRAPHITE POWDER

EU	5 mg/m3	-
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DNEL/PNEC Values

Hazardous ingredients:

COPPER PASTE.

Туре	Exposure	Value	Population	Effect
DNEL	Dermal	273mg/kg	Workers	Systemic
DNEL	Inhalation	20mg/m3	Workers	Systemic
DNEL	Dermal	273mg/kg	Consumers	Systemic
DNEL	Inhalation	20mg/m3	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	0.23mg/l	-	-
	treatment			
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:	Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Paste	
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Colour: Dark brown

Odour: Perceptible odour

Solubility in water: Insoluble

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

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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

Conditions to avoid: Heat.

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.

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: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: No data available.

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: Insoluble in water. Heavier than water.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

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Section 13: Disposal considerations 13.1. Waste treatment methods Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal	
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company.	
Recovery operations: Recycling/reclamation of organic substances which are not used as solvents (includ	ling
composting and other biological transformation processes). Recycling/reclamation of	of
metals and metal compounds.	
Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.	
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, N.O.S.	
(COPPER POWDER)	
14.3. Transport hazard class(es)	
Transport class: 9	
14.4. Packing group	
Packing group: III	
14.5. Environmental hazards	
Environmentally hazardous: Yes Marine pollutant: Yes	
14.6. Special precautions for user	
Special precautions: No special precautions.	
Special precautions. No special precautions.	
Tunnel code: E	
Tunnel code: E Transport category: 3	
Tunnel code: E Transport category: 3 Section 15: Regulatory information	
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Section 16: Other information

Other information Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 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. H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects.

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.