

Anti-Seize 5A3

SAFETY DATA SHEET According to REACH regulation (EC) 1907/2006 amended regulation (EU) 2020/878

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ANTI-SEIZE 5A3 Product Code: BL-81013		

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

1. Product identifier

Trade Name: Anti-Seize 5A3
Product Form: Lubricant paste

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

1.2.1 Relevant identified uses

Main use category: Industrial use, professional use
Industrial/ professional use spec: For professional use only
Industrial
Use of the substance/mixture/blend: Lubricants, Greases and Release Products

1.2.2 Uses advised against

Uses other than those recommended

1.3 Details of the supplier of the safety data sheet

Company Identification: Brit-Lube Limited
Units 2&3 Mayfield Industrial Estate
Liverpool Road
Irlam
Manchester, United Kingdom
Tel: +44(0)161 777 9970
Fax: +44(0)161 777 9980
admin@brit-lube.com www.brit-lube.co.uk

1.3 Emergency telephone number

Emergency number: +44 (0) 161 777 9970

Country	Organisation/ Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre)	City Hospital Dudley Road Birmingham B18 7QH	0344-892 0111 (UK Only)	Only for healthcare professionals

Section 2: Hazards identification

2.1 Classification of substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Aquatic Chronic 2: Toxic to aquatic life with long lasting effects

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental affects

No additional information available

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

Pictograms:



Hazard statements:

H411 Toxic to aquatic life with long lasting effects

Precautionary statements:

P273 Avoid release to the environment

P391 Collect spillage

P501 Dispose of the contents into a container fit for purpose in accordance with current local guidelines.

2.3 Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation 2018/605 at a concentration to or greater than 0.1%

3. Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Substances posing a danger to health or the environment in accordance with the regulation (EC) No. 1272/2008, assigned a community exposure limit in the workplace, and classified as PBT/vPvB or included in the candidate list :

Name	Product identifier	%	Classification according to Regulation (EC) No.1272/2008 (CLP)
Graphite	CAS No: 7782-42-5 EC No: 231-955-3 Registration No: 01-2119486977-12-XXXX	30-40%	-----
Copper	CAS No: 7440-50-8 EC No: 231-159-6 Registration No: 01-2119480154-42-XXXX	2.5 – 5%	Acute Tox.3, H331 Acute Tox 4, H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Eye Irrit 2, H319
CAS No: 9002-84-0	Polytetrafluoroethylene	1-5%	-----
CAS No: 57855-77-3 EC No: 260-991-2	Calcium Bis(dinonylnaphthalenensulphonate)	1-3%	Eye Irrit 2, H319 Skin Irrit 2, H315

Full text of H-and EUH-statements: see section 16

4. First aid measures

4.1 Description of first aid measures

First aid measures general	: Never give anything by mouth to an unconscious person
First aid measures after inhalation	: Allow affected person to breath fresh air. Allow victim to rest
First aid measures after skin contact	: Wash skin with plenty of water
First aid measures after eye contact:	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First aid measures after ingestion	: Rinse mouth. DO NOT induce vomiting. Obtain emergency medical attention.

4.2 Most important symptoms and effect, both acute and delayed

Symptoms/ effects	: Not expected to present significant hazard under anticipated conditions of normal use.
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4.3 Indication of any immediate medical attention and special treatment needed

In case of doubt or when symptoms of feeling unwell persist, seek medical attention
Never administer orally anything to persons who are unconscious

Section 5: Firefighting measures

This product does not present any particular risk in case of fire.

5.1 Extinguishing media

Prevention	: Do not expose to naked flames or fire. No smoking.
Extinguishing Media	: Foam, Dry powder, Carbon dioxide, Water spray, Sand
Unsuitable extinguishing media	: Do not use high pressure water
	: In case of presence of electrical voltage, do not use water or foam
Surrounding Fires	: Use water spray to cool containers

5.2 Special hazards arising from substance or mixture

No additional information available

5.3 Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment.
Protection for during firefighting	: Do not enter fire area without Proper Protective Equipment, including respiratory equipment.

Section 6: Accidental release measures

For exposure control and individual protection measures, see section 8.

6.1 Personal precautions, protective equipment, and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Evacuate unnecessary personnel
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6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area

6.2 Environmental precautions

Product dangerous for the environment, prevent entry to sewers and public water ways. Notify authorities if large spills enters sewers or public water ways. Avoid release to the environment

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	: Sweep or shovel into suitable containers. Collect spillage
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6.4 Reference to other sections

See section 8. Exposure controls and personal protection

Section 7: Handling & storage

7.1 Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2 Conditions for safe storage, including incompatibilities

Storage conditions : Keep only in original container. Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

7.3 Specific end use(s)

Industrial and professional use, described in 1.2

Section 8: Exposure controls/ personal protection

This product does NOT contain substances with Biological Limit Values.

8.1 Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2 Recommended monitoring procedures

No additional information available

8.1.3 Air contaminants formed

No additional information available

8.1.4 DNEL and PNEC

No additional information available

8.1.5 Control banding

No additional information available

8.2 Exposure controls

8.2.1 Appropriate engineering controls

No additional information available

8.2.2 Personal protective equipment

Personal protective equipment

Avoid all unnecessary exposure

Personal protective equipment symbol(s):



8.2.2.1 . Eye & face protection

Eye protection:

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Chemical goggles or safety glasses

8.2.2.2. Skin protection

Hand protection:

Wear protective gloves. Nitrile rubber gloves

8.2.2.3. Respiratory protection

Respiratory protection:

Not required for normal conditions of use

8.2.2.4. Thermal hazards

No additional information available

8.2.3 Environmental exposure controls

No additional information available

Other information:

Do not eat, drink or smoke during use.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Copper Black
Odour	: ND
Freezing point	: Not available
Boiling point	: > 300°C
Flash point	: > 200°C
Auto-ignition temperature	: > 200°C
Decomposition temperature	: Not available
pH	: Not available
Solubility in water	: Material insoluble in water
Relative density at 20°C	: 1.3740 g/cm ³

9.2. Other information

9.2.1. Information regarding physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content : 0g/l

Section 10: Stability and reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage, and transport.

10.2 Chemical stability

Stable under normal conditions (see section 7)

10.3 Possibility of hazardous reactions

This product does not present the possibility of hazardous reactions

10.4 Conditions to avoid

Avoid improper handling

10.5 Incompatible materials

Keep away from oxidizing agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products

No decomposition if used as intended

Section 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not Classified
Acute toxicity (dermal)	: Not Classified
Acute toxicity (inhalation)	: Not Classified
Skin corrosion/irritation	: Not Classified
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not Classified
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Not Classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not Classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT – single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT – repeated exposure	: Not classified

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Additional information : Based on available date, the classification criteria are not met
Aspiration hazard : Not classified
Additional information : Based on available date, the classification criteria are not met

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

This product does not contain components with endocrine-disrupting properties with effect on human health.

11.2.2. Other information

Potential adverse human health effects : Based on available data, there is no information on adverse health effects.

Section 12: Ecological information

12.1 Toxicity

No information is available regarding the ecotoxicity of the substances present

12.2 Persistence and degradability

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Persistence and degradability	Not established
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12.3 Bioaccumulative potential

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Bioaccumulative potential	Not established
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12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Endocrine disrupting properties

No additional information available

12.7 Other adverse effects

Additional information : Avoid release to the environment

Section 13: Disposal considerations

13.1 Waste treatment methods

Product/ packaging disposal : Dispose of in a safe manner in accordance with local/national regulations
 Ecology – waste materials : Avoid release to the environment

Section 14: Transport information

In accordance with ADR/ IMDG/ IATA/ AND/ RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN3077	UN3077	UN3077	UN3077	UN3077
14.2. Un proper shipping name				
UN3077	UN3077	UN3077	UN3077	UN3077
14.3 Transport hazard class(es)				
Class: 9	Class: 9	Class: 9	Class: 9	Class: 9
14.4 Packing group				
Group: III	Group: III	Group: III	Group: III	Group: III
14.5 Environmental hazards				
Marine pollutant	Marine pollutant	Marine pollutant	Marine pollutant	Marine pollutant
No supplementary information available				

14.6 Special precautions for user.

Overland transport

Labels 9: Contains Copper

Transport by sea

Labels 9: Contains Copper

Air transport

Labels 9: Contains Copper

Inland waterway transport

Labels 9: Contains Copper

Rail transport

Labels 9: Contains Copper

Provisions concerning carriage in bulk ADR:

VC1 Carriage in bulk in sheeted vehicles, sheeted containers is permitted

VC2 Carriage in bulk closed vehicles, closed containers is permitted

Section 15: Regulatory information

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

15.1.1. EU – Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

Contains no substance subject to Regulation (EU) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

VOC content : 0 g/l

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic and psychotropic substances.

15.1.2. National regulations

No additional information available

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this substance / mixture by the supplier

Section 16: Other information

Complete text of H phrases that appear in section 3:

H302	Harmful if swallowed
H315	Causes skin irritation
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

Classification codes:

Acute Tox.3:	Acute toxicity (inhalation), category 3
Acute Tox.4:	Acute toxicity (oral), category 4
Aquatic Acute 1:	Acute toxicity to the aquatic environment, category 1
Aquatic Chronic 1:	Chronic toxicity to the aquatic environment, category 1
Aquatic Chronic 2:	Chronic toxicity to the aquatic environment, category 2

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Eye Irrit. 2: Eye irritation, Category 2
Skin Irrit. 2: Skin irritant, Category 2

Data Sources : Regulation (EC) No 2020/878 of the European Parliament and of the Council of 18 June 2020 on classification, labeling and packaging of substances and mixtures, amending and repealing directives 67/548/EEC and 1994/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None

Product Use: : For Industrial use only. Lubricant

DISCLAIMER OF LIABILITY:

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This Safety Data Sheet (SDS), therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user. The conditions of handling, storage, use or disposal of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim any liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. This SDS was prepared solely for the product stated and should not be used for any other product.

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