

Safety Data Sheet

Abbey GunLube SM50

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

1.1. Product identifier

Product name	Abbey GunLube SM50
Internal identification	ABSM50
REACH registration notes	Exempt from Registration
CAS number	

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

Identified uses	lubricant/protectant
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1.3. Details of the supplier of the safety data sheet

Supplier	Abbey Supply Company Ltd 7 Ventura Place Upton Industrial Estate Poole Dorset BH16 5SW ENGLAND T: +44 (0)1202 623 258 F: +44 (0)1202 623 791 W: www.abbeysupply.com msds@abbeysupply.com
Contact person	

1.4. Emergency telephone number

Emergency telephone	+44 (0)1202 623 258 (Monday to Friday 0800 – 1630Hrs)
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SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification	Regulation (EC) No 1272/2008
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2 Label statements

Hazard Statements	Not Classified
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2.3 Other hazards	None known
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Composition comment	Inorganic and organic compounds
Hazardous components	No hazardous ingredients

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SECTION 4: First aid measures

4.1 Description of First aid measures

Eye Contact	Flush eyes with water. If symptoms persist call a doctor.
Skin Contact	Wash with soap and water. If symptoms persist call a doctor.
Ingestion	If swallowed, do NOT induce vomiting. If symptoms persist call a doctor.
Inhalation	Unlikely to happen. Remove to fresh air

4.2 Most important symptoms and effects both acute and delayed

***General information** May produce an allergic reaction

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Large fires: Water Spray, Foam, Dry Powder, CO₂
Small Fires: Dry powder, CO₂

Unsuitable extinguishing media None known

5.2 Special hazards arising from the substance or mixture

Hazardous combustion and products Carbon oxides, Metal oxides, Sulphur oxides

5.3 Advice for Firefighters

Special protective equipment Wear self-contained breathing apparatus if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment. Avoid contact with eyes.

6.2 Environmental precautions

Environmental precautions Prevent further leakage or spillage, if safe to do so. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment & cleaning up

Methods for cleaning up Absorb with dry inert material, dry sand or earth and place into containers. In case of spills, beware of slippery floors and surfaces.

6.4 Reference to other sections

Reference to other sections For personal protection, see section 8

Disposal, see section 13

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Usage precautions Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Provide adequate ventilation. Handle in accordance with good industrial hygiene and safety practice.

Avoid spillage or runoff entering drains, sewers or watercourses.

7.2 Conditions for safe storage, including any incompatibilities

Storage precautions Avoid contact with oxidising agents. Store in closed original container at temperatures.

7.3 Specific end use(s)

Specific End use(s) Identified uses for this product are detailed in section 1.2

SECTION 8: Exposure Controls/ Personal Protection

8.1 Exposure Limits

Occupational Exposure Limits

Chemical Name	EU	UK	France	Spain	Germany
Molybdenum (IV) sulphide 1317-33-5 (1-5)		TWA: 10mg/m ³		VLA-ED: 10mg/m ³ VLA-ED: 3mg/m ³	
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Molybdenum (IV) sulphide 1317-33-5 (1-5)		TWA: 10mg/m ³ TWA: 3mg/m ³			TWA: 10mg/m ³
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Molybdenum (IV) sulphide 1317-33-5 (1-5)	STEL: 20mg/m ³ MAK: 10mg/m ³	MAK: 10mg/m ³	NDSch: 10mg/m ³ NDS: 4mg/m ³	TWA: 10mg/m ³ STEL: 20mg/m ³	TWA: 10mg/m ³ TWA: 0.5mg/m ³

*Derived No effect Concentration (DNEL) according to Regulation (EC) 1907/2006

Chemical Name	End use	Exposure routes	Potential health effects	Value
Castor oil, oxidised	Workers	Inhalation	Long term systemic effects	49 mg/m ³
	Workers	Skin contact	Long term systemic effects	69.4mg/kg bw/day
	Consumers	Inhalation	Long term systemic effects	14.5mg/m ³
	Consumers	Skin contact	Long term systemic effects	41.7 mg/kg bw/day
	Consumers	Ingestion	Long term systemic effects	8.33 mg/kg bw/day

*Predicted No Effect Concentration (PNEC) according to Regulation (EC) No.1907/2006

Substance name	Environmental Compartment	Value
Castor oil, oxidised	Sewerage treatment plant	1.55 mg/l
	Oral (secondary Poisoning)	66.7mg/kg foof

8.2 Exposure Controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.
Minimise workplace exposure concentrations.

Personal Protective Equipment

Eye Protection Safety glasses

***Hand Protection** Wash skin thoroughly with soap and water after contact.

Skin & Body Protection For long and repeated contact use protective gloves.
Wash hands before breaks and at the end of the day.

Respiratory Protection Ensure adequate local exhaust ventilation is provided.

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SECTION 9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Viscous liquid
Colour	Black
Odour	slight
pH	No data available
Initial boiling point and range	210°C
Flash Point	200°C closed cup
Relative Density	1.0
Viscosity	125 cSt
Solubility water	No data available

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2 Chemical stability Stable under normal conditions

10.3 Possibility of hazardous reactions May react with strong oxidising agents.
When heated above 150°C in the presence of air, product can form formaldehyde vapours. Safe handling conditions may be maintained by keeping vapour concentrations within the occupational exposure limit for formaldehyde.

10.4 Conditions to avoid None known.

10.5 Incompatible materials Oxidising agents.

10.6 Hazardous decomposition products No hazardous decomposition product are known.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

***Information on likely routes of Exposure**
Inhalation
Skin contact
Ingestion
Eye contact

Acute toxicity

Oral Not classified based on available information

Inhalation No specific health hazards known

Ingestion No specific health hazards known

Skin contact No specific health hazards known

Eye contact No specific health hazards known

Skin sensitisation No specific health hazards known

Respiratory sensitisation No specific health hazards known

Germ cell mutagenicity No specific health hazards known

Carcinogenicity No specific health hazards known

Reproductive toxicity No specific health hazards known

STOT – single exposure Not classified based on available information

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STOT – repeated exposure	Not classified based on available information
Aspiration toxicity	Not classified based on available information

SECTION 12: Ecological Information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

Mobility

No data available

12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB

12.6 Other adverse effects

Other adverse effects None known

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Contaminated Packaging	Empty containers should be taken to an approved waste handling site for recycling and disposal.

SECTION 14: Transport Information

General This product is not covered by the international regulations on transport of dangerous goods (IMDG, IATA, ADR/RID)

14.1 UN number	Not applicable
14.2 Proper Shipping Name	
14.3 Transport Hazard Class	
14.4 Packing Group	Not applicable
14.5 Environmental hazards	
Marine Pollutant	No
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
14.8 Other Information	

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SECTION 15: Regulatory Information

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

Regulation (EC) No 649/2012 concerning the export

and import of dangerous chemicals Not applicable

Reach – Candidate List of Substances of very high concern

For authorisation (Article 59) Not applicable

Regulations (EC) No 1005/2009 on substances that

deplete the ozone layer Not applicable

Regulation (EC) No 850/2004 on persistent organic

Pollutants Not applicable

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out

SECTION 16: 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 s.3: None

Issue No: 1 **Revision No: 0** New Format

Date: 3/05/2016

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.