

Contact Sheet



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SAFETY DATA SHEET QUALUBE LITHIUM EP MOLY GREASE

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

1.1. Product identifier

Product name QUALUBE LITHIUM EP MOLY GREASE
Product number LM2

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

Identified uses Grease.

1.3. Details of the supplier of the safety data sheet

Supplier WITHAM OIL AND PAINT LTD
 OUTER CIRCLE ROAD
 LINCOLN
 LN2 4HL
 01522 521192
 01522 537030
 01522 560228
 enquires@withamgroup.co.uk

1.4. Emergency telephone number

Emergency telephone (01522) 521192 Monday to Thursday 8.00am to 5.00pm, Friday 8.00am to 4.30pm.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

Classification (67/548/EEC or -
1999/45/EC)

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

No significant hazards. Material does not meet the criteria for PBT or vPvB in accordance with REACH annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

QUALUBE LITHIUM EP MOLY GREASE

NON CLASSIFIED COMPONENT	60-100%
CAS number: —	
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -
Phosphorodithioic acid, mixed 0,0-bis(2-ethylhexyl and iso-bu and iso-pr) esters, zinc salts	
1-5%	
CAS number: 85940-28-9 EC number: 288-917-4	
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Aquatic Chronic 2 - H411	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Remove affected person from source of contamination.
Inhalation	Remove affected person from source of contamination.
Ingestion	Get medical attention. Do not induce vomiting.
Skin contact	Wash skin thoroughly with soap and water. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

General information	No ill effects.
Ingestion	Harmful: May cause lung damage if swallowed.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Irritation of eyes and mucous membranes.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

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5.2. Special hazards arising from the substance or mixture

Specific hazards	Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂). Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.
Hazardous combustion products	Fire creates: Thermal decomposition or combustion products may include the following substances: Acrid smoke or fumes. Aldehydes, Sulphur oxides, Incomplete combustion products, Carbon monoxide (CO). Carbon dioxide (CO ₂).

5.3. Advice for firefighters

Protective actions during firefighting	Evacuate area. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
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6.2. Environmental precautions

Environmental precautions	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Do not discharge into drains or watercourses or onto the ground.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Transfer to a container for disposal.
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6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8. For waste 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 and prolonged skin contact.
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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Keep only in the original container in a cool, well-ventilated place.
Storage class	Unspecified storage.

7.3. Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
Usage description	AVOID CONTACT WITH SKIN AND EYES.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³ mist

Short-term exposure limit (15-minute): WEL 10 mg/m³ mist

WEL = Workplace Exposure Limit

DNEL	No DNEL available
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PNEC No PNEC available.

8.2. Exposure controls

Protective equipment



Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Polyvinyl chloride (PVC).

Other skin and body protection

Wear appropriate clothing to prevent reasonably probable skin contact.

Hygiene measures

Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Discard contaminated shoes and clothing. When using do not eat, drink or smoke.

Respiratory protection

No special requirements under ordinary conditions of use and with adequate ventilation.

Environmental exposure controls

Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Grease.
Colour	Black. Grey.
Odour	Odourless.
pH	pH (concentrated solution): 7
Melting point	>185°C
Flash point	> 200°C PMCC (Pensky-Martens closed cup).
Relative density	0.82-0.85 @ °C
Solubility(ies)	Insoluble in water.
Auto-ignition temperature	>200°C

9.2. Other information

Other information DMSO Extract(mineral oil only), IP-346: < 3% wt.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

QUALUBE LITHIUM EP MOLY GREASE

Possibility of hazardous reactions None known.

10.4. Conditions to avoid

Conditions to avoid Excessive heat.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products During fire, toxic gases (CO, CO₂) are formed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No toxic components.

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro No evidence

Carcinogenicity

Carcinogenicity There is no evidence that the product can cause cancer.

Reproductive toxicity

Reproductive toxicity - fertility No evidence

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity Not classified.

12.2. Persistence and degradability

Persistence and degradability Only slightly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Product is not expected to bio-accumulate.

12.4. Mobility in soil

Mobility The product is non-volatile. The product is poorly absorbed into soils or sediments.

12.5. Results of PBT and vPvB assessment

Results of 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

QUALUBE LITHIUM EP MOLY GREASE

General information	Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers must not be punctured or incinerated because of the risk of an explosion.
Waste class	European waste code: 13 02 05

SECTION 14: Transport information

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

14.1. UN number

Not classified as dangerous goods for transport.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not determined

Annex II of MARPOL 73/78
and the IBC Code

SECTION 15: Regulatory information

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

National regulations

EH40/2005 Workplace exposure limits.
Health and Safety at Work etc. Act 1974 (as amended).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

QUALUBE LITHIUM EP MOLY GREASE

Issued by	Technical manager
Revision date	07/04/2016
SDS number	20665
Hazard statements in full	H315 Causes skin irritation. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.