



**SAFETY DATA SHEET**  
**Motaquip Multi-purpose Lithium Grease**

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

**1.1. Product identifier**

**Product name** Motaquip Multi-purpose Lithium Grease  
**Product number** 7942-060  
**Internal identification** GHS22249

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

**Identified uses** Lubricating grease.

**1.3. Details of the supplier of the safety data sheet**

**Supplier** Motaquip  
Motaquip Limited  
Gatehouse 1 – Parts Centre,  
Torrington Avenue,  
Tile Hill, Coventry,  
CV4 9AP  
Tel: +44 (0)2477 714777  
customer.services@motamail.net

**1.4. Emergency telephone number**

**Emergency telephone** Motaquip: +44 (0)2477 714777 (office hours)

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

**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**

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

## Motaquip Multi-purpose Lithium Grease

<b>Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Pr)esters, Zinc salts</b>	<b>1-5%</b>
CAS number: —	EC number: 272-723-1
	REACH registration number: 01-2119493633-31
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Aquatic Chronic 2 - H411	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R36/38. N;R51/53.

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

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	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 promptly if symptoms occur after washing.

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

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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media**    Extinguish with foam, carbon dioxide, dry powder or water fog.

#### 5.2. Special hazards arising from the substance or mixture

**Specific hazards**                Toxic gases or vapours. Heat from fire could result in drums bursting

#### 5.3. Advice for firefighters

**Protective actions during firefighting**      Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters**    Wear self-contained breathing apparatus.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions**            For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

#### 6.2. Environmental precautions

**Environmental precautions**    Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up**        Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor. Avoid water contacting spilled material or leaking containers.

## Motaquip Multi-purpose Lithium Grease

### 6.4. Reference to other sections

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

##### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

**Storage class** Miscellaneous hazardous material storage.

##### 7.3. Specific end use(s)

#### SECTION 8: Exposure Controls/personal protection

##### 8.1. Control parameters

##### 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. The following protection should be worn: Chemical splash goggles or face shield.

**Hand protection** It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC).

**Other skin and body protection** Use barrier creams to prevent skin contact.

**Hygiene measures** Wash promptly with soap and water if skin becomes contaminated.

**Respiratory protection** No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

#### SECTION 9: Physical and Chemical Properties

##### 9.1. Information on basic physical and chemical properties

**Appearance** Grease.

**Colour** Amber. to Brown.

**Odour** Odourless.

**Melting point** 200°C

**Flash point** >200°C PMCC (Pensky-Martens closed cup).

**Relative density** 0.88 @ 15°C

**Solubility(ies)** Insoluble in water.

**Auto-ignition temperature** >200°C

##### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

## Motaquip Multi-purpose Lithium Grease

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Oxides of carbon.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**General information** This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

**Inhalation** Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.

**Ingestion** No harmful effects expected from quantities likely to be ingested by accident.

**Skin contact** Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

**Eye contact** May cause temporary eye irritation.

## SECTION 12: Ecological Information

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Persistence and degradability** The product is not readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

### 12.4. Mobility in soil

**Mobility** The product is non-volatile. The product contains substances which are insoluble in water and which sediment in water systems.

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**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.

**Waste class** European Waste Catalogue (EWC) Code: 20 01 26\* (greases)

## Motaquip Multi-purpose Lithium Grease

### 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**

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

**14.4. Packing group**

**14.5. Environmental hazards**

**14.6. Special precautions for user**

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

### SECTION 15: Regulatory information

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

**National regulations** Health and Safety at Work etc. Act 1974 (as amended).  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**EU legislation** Dangerous Preparations Directive 1999/45/EC.  
Dangerous Substances Directive 67/548/EEC.

**Guidance** Workplace Exposure Limits EH40.  
Safety Data Sheets for Substances and Preparations.

**15.2. Chemical safety assessment**

### SECTION 16: Other information

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

**Revision date** 25/02/2016

**Revision** 1

**SDS number** 22249

**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.