

Safety Data Sheet

10406 PM Lithium EP-2 grease 500gr



Issue date 18-Mar-2015

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Version 1

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

1.1. Product Identifier

Product name 10406 PM Lithium EP-2 grease 500gr

Pure substance/mixture Mixture

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

Recommended Use No information available

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Petromark Automotive Chemicals

Rooswijkweg 316, 1951 ME Velsen-Noord, The Netherlands

www.petromark.eu • info@petromark.eu

Tel. +31 (0)251 211397

For further information, please contact

Petromark Automotive Chemicals: info@petromark.eu

1.4. Emergency telephone number

Petromark Automotive Chemicals

Tel. +31 (0)251 211397

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Classification according to Directive 67/548/EEC or 1999/45/EC

Hazard symbols

Not dangerous

Full text of R-phrases: see section 16

2.2. Label Elements

Product Identifier

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Signal Word

None

2.3. Other Hazards

No information available

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable

3.2 Mixtures

None known based on information supplied

Full text of R-phrases: see section 16**Full text of H- and EUH-phrases: see section 16****SECTION 4: First aid measures****4.1. Description of first aid measures**

General advice	When in doubt or if symptoms are observed, get medical advice.
inhalation	Remove to fresh air.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Eye Contact	If substance enters the eyes, immediately rinse with plenty of water for several minutes.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

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

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

Note to physicians	Treat symptomatically.
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SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable Extinguishing Media**

Use. Carbon dioxide (CO₂). Extinguishing powder. Alcohol resistant foam. Cool containers with flooding quantities of water until well after fire is out.

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors

Hazardous combustion products Carbon dioxide (CO₂), Carbon monoxide, Nitrogen oxides (NO_x).

5.3. Advice for firefighters

In the event of fire and/or explosion do not breathe fumes. Use water spray jet to protect personnel and to cool endangered containers. Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Do not breathe dust. Ensure adequate ventilation, especially in confined areas.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for Containment Prevent dust cloud.

Methods for cleaning up Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust.

6.4. Reference to other sections

See section 8 for national exposure control parameters. See Section 12 for additional Ecological Information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Do not breathe dust.

General hygiene considerations

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed in a dry and well-ventilated place. Never use pressure to empty; drum is not a pressure vessel.

7.3. Specific end use(s)

Risk Management Methods (RMM)

The information required is contained in this Material Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/face Protection

Tight sealing safety goggles.

Skin and Body Protection

Suitable protective clothing. Gloves made of plastic or rubber.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Environmental exposure controls Local authorities should be advised if significant spillages cannot be contained.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Solid	Odor	aromatic
appearance	No information available	odor threshold	No information available
color	No information available		
Property	Values	Remarks • Method	
pH		No information available	
Melting point/freezing point		No information available	
Boiling point / boiling range		No information available	
Flash Point	> 200 °C / > 392 °F		
Evaporation Rate		No information available	
flammability (solid, gas)		No information available	
Flammability Limit in Air			
Upper flammability limit:	no data available		
Lower flammability limit:	no data available		
vapour pressure	no data available	@ 20° C	
Vapor Density		No information available	
Specific gravity	approx. 1.000 g/cm3	@ 20°C	
Water solubility		@ 20° C	
solubility(ies)	no data available	No information available	
Partition coefficient		No information available	
Autoignition Temperature	> 350 °C / 662 °F		
decomposition temperature	> 350 °C		
Kinematic viscosity	no data available	@ 40 °C	
Dynamic viscosity	no data available	@ 40 °C	
Explosive properties	No information available		
Oxidizing properties	No information available		

9.2. Other information

No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

no data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

None known based on information supplied.

10.5. Incompatible materials

Incompatible with oxidizing agents. Acids. Bases.

10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon dioxide (CO₂). Carbon monoxide. Nitrogen oxides (NO_x).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute Toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

inhalation	no data available.
Eye Contact	no data available.
Skin contact	no data available.
Ingestion	no data available.

Unknown acute toxicity	0% of the mixture consists of ingredient(s) of unknown toxicity.
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Skin corrosion/irritation	No information available.
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Serious eye damage/eye irritation	No information available.
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sensitization	No information available.
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Germ Cell Mutagenicity	No information available.
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carcinogenicity	No information available.
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Reproductive Toxicity	No information available.
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STOT - single exposure	No information available.
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STOT - repeated exposure	No information available.
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Aspiration Hazard	No information available.
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SECTION 12: Ecological information

12.1. Toxicity

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Product Information

Acute (short-term) algae toxicity

EC50	No information available
EC0	No information available
IC50	No information available
IC0	No information available
ErC50	No information available
EbC50	No information available

Acute (short-term) fish toxicity

LC50	No information available
LC0	No information available
EC50	No information available
EC0	No information available

Acute (short-term) aquatic invertebrate toxicity

EC50	No information available
EC0	No information available

Chronic (long-term) algae toxicity

NOEC	No information available
LOEC	No information available

Chronic (long-term) fish toxicity

NOEC	No information available
LOEC	No information available

Chronic (long-term) aquatic invertebrate toxicity

NOEC	No information available
LOEC	No information available

Component Information**12.2. Persistence and degradability**

No information available.

biodegradation

biodegradation	No information available
BOD	No information available
ThCO ₂	No information available
DOC	No information available

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Contaminated packages must be completely emptied and can be re-used following proper cleaning. Clean IBCs or drums at approved facility. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

ADR

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

RID

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

IMDG

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

IATA

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National Regulations**

See section 8 for national exposure control parameters

Storage class 10

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

International Inventories

All of the components in the product are on the following Inventory lists TSCA (United States);, Europe (EINECS/ELINCS/NLP).

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out. Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Full text of R-phrases referred to under sections 2 and 3**

No information available

Revision note Not applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

End of Safety Data Sheet