

**HEXOL LUBE SRL****MATERIAL SAFETY DATA SHEET****Hexol LI CA2 Premium**

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**1. Identification of the mixture and of the company/undertaking**1.1 Product identifier: **Hexol LI CA2 Premium**

1.2 Relevant identified uses of the mixture and uses advised against

Relevant identified uses: Grease

Restrictions on use: any other uses not recommended are forbidden.

1.3 Details of the supplier of the safety data sheet:

S.C. HEXOL LUBE S.R.L.

Address: Paleu commune, Ardealului street, no. 1A, Bihor county

Phone/Fax: +4 0259 449 203/+4 0259 428 299

E-mail: office@hexol.com

1.4 Emergency telephone number

Phone: +4 0259 454 216; +4 0259 449 203; 8-16h on workdays.

**2. Hazard's identification**

2.1 Classification of the mixture

Classification of the mixture according to Regulation 1272/2008/EC

Not required.

2.2 Label elements: Labelling according to Regulation 1272/2008/EC

Product identification: Trade name: **Hexol LI CA2 Premium**

Precautionary statements:

P273 Avoid release in the environment.

P501 Dispose of contents/container in accordance with national/international regulation.

2.3 Other hazards:

Hazard description: If usual precautions are taken when handling products, the instructions for handling (Chapter 7) and personal protection (Chapter 8) are respected, there are no known hazards.

**3. Composition/information on ingredients**

3.2 Mixtures

Name	EINECS No.	CAS No.	Hazard statements according to Regulation 1272/2008/EC	Conc. %
Distillates (petroleum), hydrotreated heavy paraffinic	265-157-1	64742-54-7	-	Max. 80
Lithium hydroxide monohydrate	215-183-4	1310-66-3	H314, H302	Max. 0.1
Calcium soap fatty acids	-	-	-	Max. 0.1

For full text of each relevant R-, H- phrase and Hazard classes and cat. see Section 16.

**4. First aid measures**

4.1 Description of first aid measures

General advice: Remove victim from exposure site. Ensure that the person has fresh air. Lay person in lateral, stable position and keep warm. In case of irregular breathing or respiratory arrest apply artificial respiration.

First aid responders must avoid exposure. Proper respiratory protection will be used. In case of respiratory arrest mechanical ventilation should be provided. Do not use mouth to mouth resuscitation. Remove all contaminated clothing immediately.

Inhalation: In case of accident by inhalation, transport the victim out of the contaminated area and leave to rest. If symptoms persist, seek medical advice.



Skin contact: Remove contaminated clothing and wash the skin thoroughly with soap and water. If symptoms persist, seek medical advice.

Eye contact: Wash thoroughly with water for at least 15 minutes. If symptoms persist, seek medical advice.

After ingestion: Wash mouth with water. An unconscious person should never be forced to swallow. Vomiting will not be induced. If vomit appears, lower the head so that the vomit does not reach into the lungs. Seek medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed - **No data available.**

4.3 Indication of any immediate medical attention and special treatment needed – **Treat symptomatically.**

## 5. Fire-fighting measures

### 5.1 Fire extinguishing equipment

Suitable fire-extinguishing equipment: Use carbon dioxide, dry powder, water dispersants.

### 5.2 Special hazards arising from the mixture

Heat can cause containers to explode. Carbon monoxide, carbon dioxide, smoke can form.

### 5.3 Recommendations for firefighters

In case of fires self-contained breathing apparatus will be used. Special protective equipment: According to the existing firefighting regulations.

Further information:

Use water to cool containers exposed to fire. Collect contaminated water separately. It must not enter the sewer system. Combustion residues and the contaminated water used in extinguishing the fire must be disposed of in accordance with local regulations.

## 6. Accidental release measures

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

Use personal protective equipment. Keep away people without protective equipment or untrained people. Avoid contact with skin and eyes. Avoid breathing vapours or spray mist. Wear respiratory protective equipment.

Personal precautions: see Section 8.

### 6.2 Environmental precautions:

Confine spills to prevent material from entering sewers, watercourses, drains and into soil. In case of environmental release notify relevant authority.

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

On soil: Eliminate all ignition sources. Collect spillage. Contain the rest or small quantities using absorbent materials: sand, earth or other suitable absorbents and keep them in closed and suitable for disposal containers.

### 6.4 Reference to other sections

Personal precautions: see section 8. Waste treatment methods: see section 13.

## 7. Handling and storage

### 7.1 Precautions for safe handling

Protective measures: wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing in vapours or mists. If sprayed, it is preferable to use a full-face visor or special chemical goggles. In case vapours and mist is formed respiratory equipment with a suitable filter will be used. Do not spill the product.

Hygiene measures: Smoking, eating and drinking are prohibited in the area where the product is used. Wash hands before breaks and at the end of the work schedule. Wear resistant footwear and protective gloves. Wash contaminated clothing with soap and water.

Fire prevention measures: Keep away from heat and other sources of fire.



## 7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: Store in dry, well-ventilated place in original, closed containers. Keep away from radiant heat, open flame and strong oxidizing agents.

Storage temperature: Stable if kept between +0°C - +45°C.

## 7.3 Specific end use(s)

Recommendations: Grease.

## 8. Exposure controls / personal protection

Engineering control measures: Not required.

### 8.1 Control parameters:

### 8.2 Exposure controls

Technical measures: see protection measures – Paragraph 7

Personal protective equipment:

Skin and body protection: Use protective equipment. Prolonged and repeated contact with skin should be avoided. Otherwise, protective measures should be taken. Soaked clothing and shoes must be changed immediately.

Wash skin immediately after work. Do not place dirty or wet rags in pockets.

Respiratory protection: In case of exposure above the permissible concentration limit, wear suitable respiratory equipment.

Hand protection: Resistant gloves (EN 374, Breakthrough time 480 min) (e.g. nitrile rubber - minimal thickness 0.33 mm). Note: Manufacturer's directions for use and the conditions of application should be observed.

Eye protection: In case of a spray hazard use tightly fitting safety goggles.

### 8.3 Environmental exposure controls:

Do not discharge into drains/surface waters/groundwater. If the product contaminates rivers, lakes or sewers, the competent authorities shall be notified in accordance with the legal provisions in force. If the product has infested the environment, inform immediately the competent authorities.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance:	paste
Colour:	brown
Odour:	characteristic
Odour threshold:	no
pH	not applicable
Melting point:	not applicable
Freezing point:	not applicable
Boiling point:	not applicable
Ignition point:	not available
Evaporation rate:	not applicable
Flammability:	>200°C
Upper flammability limit:	not applicable
Lower flammability limit:	not applicable
Vapour pressure at 20°C:	negligible
Vapour density:	not applicable
Relative density at 15°C:	<1 g/cm <sup>3</sup>
Solubility in water at 20°C:	soluble in organic solvents
n-Octanol/water partition	





coefficient:	not available
Autoignition temperature:	not applicable
Decomposition temperature:	not applicable
Kinematic viscosity at 40°C:	no
Explosive properties:	not explosive
Oxidizing properties:	not oxidize

## 9.2 Other information:

Insoluble in water.

Dropping point: 170°C

## 10. Stability and reactivity

10.1 Reactivity: Dangerous reactivity not known.

10.2 Chemical stability: Stable if stored and handled properly.

10.3 Possibility of hazardous reactions: Not known.

10.4 Conditions to avoid: Direct heat or ignition sources. Avoid contact with strong oxidizing agents.

10.5 Incompatible materials: Strong oxidizing agents, strong alkali, strong acids.

10.6 Hazardous decomposition products: During fires toxic gases are formed (carbon monoxide and carbon dioxide).

## 11. Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity:

Oral: LD<sub>50</sub> (rats) > 2000 mg/kg

Dermal: LD<sub>50</sub> (rabbits) > 2000 g/kg

Acute toxicity: irritation

Skin: not irritant (based on components)

Eye: not irritant

Respiratory or skin sensitisation: not sensitising

Germ cell mutagenicity: resp. not mutagen

Carcinogenicity: resp. not carcinogen

Reproductive toxicity: resp. no reproduction-damaging effect

Aspiration hazard: not known.

## 12. Ecological information

### 12.1 Toxicity

Oral: LD<sub>50</sub> (rats) > 5000mg/kg

Dermal: LD<sub>50</sub> (rabbits) > 2000 mg/kg

12.2 Persistence and degradability: No data available.

Biodegradability: Not easily biodegradable

12.3 Bio accumulative potential: Low

### 12.4 Mobility

Mobility in soil: High

12.5 Results of PBT and vPvB assessment: Not known

12.6 Other adverse effects: Not known





### 13. Disposal considerations

#### 13.1 Waste treatment methods

##### 13.1.1 Product disposal / Packaging

Wastes of the product, EWC code: 12 01 12\*, should be treated as hazardous waste.

Disposal must be in compliance with national and local regulations. The product is free of PCBs and halogens.

Packaging disposal: Containers with product residue should also be treated as hazardous waste according to national and local disposal regulations. EWC code: 15 01 10\*

##### 13.1.2 Information relevant for waste treatment.

The disposal of waste shall be in accordance with the regulations in force.

##### 13.1.3. Relevant information on disposal in sewers.

Discharge into sewers shall be prohibited

##### 13.1.4 Other recommendations:

Care should be taken in any case to ensure compliance with EC, national and local regulations.

It is the responsibility of the user to know all relevant national and local regulations.

### 14. Transport information

Land transport:

Road/ Railway ADR/RID: Not classified.

Waterways:

Inland waterways/ Sea transport ADN/IMDG: Not classified.

Air transport: ICAO / IATA: Not classified.

### 15. Regulatory information

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

This safety data sheet has been prepared according to:

Relevant Romanian regulation and EU directives

- Directive 94/33 / EC on protection of young people at the workplace.
- Directive 92/85 / EEC on safety and health of pregnant women at workplace.
- Regulation (EC) No 1272/2008 [CLP]
- GD 1408/2008 regarding the classification, packaging and labeling of dangerous substances.
- Law no. 360/2003 on the regime of dangerous chemical substances and mixtures.
- Law no. 263/2005 for the amendment, completion of Law no. 360/2003 regarding the regime of hazardous chemicals and preparations.
- GD 937/2010 on packaging and labeling upon placing on the market of dangerous substances.

#### 15.2 Chemical safety assessment.

Not available

### 16. Other information

The full text of each relevant R-, H- phrase and Hazard classes and cat. in Sections 2 and 3:  
P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with national regulation.

H314 Causes severe skin burns and eye damage

H302 Harmful if swallowed.

The information given in this data sheet is based on our best knowledge at the time of publication.

This information is given for information purposes and is intended to assist its safe handling, storage, transport, distribution, proper safe use and disposal and therefore cannot be considered as a quality or guarantee certificate. The information refers only to the specified product and will not be



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valid when the product is combined with any other products or in any manufacturing process without express specification.

The manufacturer or supplier shall not take responsibility for any damages resulted from other uses than recommended or other misuse of the product. It is the responsibility of the user to keep regulatory precautions and observe recommendations for safe use of the product.

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