

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 17.07.2020

Version number 9

Revision: 02.04.2020

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

- **1.1 Product identifier**
- **Trade name:** **NL-76500 / NL-78500 LITHIUM GREASE**
- **Article number:** NL-76500 / NL-78500
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Application of the substance / the mixture** Grease
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** VAR  
Espace Eiffel – Lot D6  
19 Avenue Gustave Eiffel  
28630 Gellainville - France  
T +33.(0)2.37.33.37.10  
contact@vartools.com
- **1.4 Emergency telephone number:** Poison Control Centre : 0845 4647

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008** The product is not classified, according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Grease
- **Dangerous components:** Void

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** Seek immediate medical advice.  
Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.

(Contd. on page 2)

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**Trade name: NL-76500 / NL-78500 LITHIUM GREASE**

(Contd. of page 1)

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|---|---|
| <ul style="list-style-type: none"> <li>· <b>After swallowing:</b></li> <li>· <b>4.2 Most important symptoms and effects, both acute and delayed</b></li> <li>· <b>4.3 Indication of any immediate medical attention and special treatment needed</b></li> </ul> | <p>Do not induce vomiting; call for medical help immediately.</p> <p>No further relevant information available.</p> <p>No further relevant information available.</p> |
|---|---|

### SECTION 5: Firefighting measures

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|--|---|
| <ul style="list-style-type: none"> <li>· <b>5.1 Extinguishing media</b></li> <li>· <b>Suitable extinguishing agents:</b></li> <li>· <b>For safety reasons unsuitable extinguishing agents:</b></li> <li>· <b>5.2 Special hazards arising from the substance or mixture</b></li> <li>· <b>5.3 Advice for firefighters</b></li> <li>· <b>Protective equipment:</b></li> <li>· <b>Additional information</b></li> </ul> | <p>Use fire extinguishing methods suitable to surrounding conditions.</p> <p>Foam<br/>Fire-extinguishing powder<br/>Carbon dioxide</p> <p>Water with full jet</p> <p>Formation of toxic gases is possible during heating or in case of fire.<br/>Carbon monoxide and carbon dioxide<br/>Hydrocarbons</p> <p>Wear self-contained respiratory protective device.<br/>Wear fully protective suit.<br/>Cool endangered receptacles with water spray.<br/>Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.</p> |
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### SECTION 6: Accidental release measures

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|---|---|
| <ul style="list-style-type: none"> <li>· <b>6.1 Personal precautions, protective equipment and emergency procedures</b></li> <li>· <b>6.2 Environmental precautions:</b></li> <li>· <b>6.3 Methods and material for containment and cleaning up:</b></li> <li>· <b>6.4 Reference to other sections</b></li> </ul> | <p>Wear protective equipment. Keep unprotected persons away.<br/>Particular danger of slipping on leaked/spilled product.</p> <p>Do not allow to enter sewers/ surface or ground water.<br/>Prevent from spreading (e.g. by damming-in or oil barriers).<br/>Inform respective authorities in case of seepage into water course or sewage system.</p> <p>Send for recovery or disposal in suitable receptacles.</p> <p>See Section 7 for information on safe handling.<br/>See Section 8 for information on personal protection equipment.<br/>See Section 13 for disposal information.</p> |
|---|---|

### SECTION 7: Handling and storage

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|---|--|
| <ul style="list-style-type: none"> <li>· <b>7.1 Precautions for safe handling</b></li> <li>· <b>Information about fire - and explosion protection:</b></li> </ul> | <p>No special precautions are necessary if used correctly.</p> <p>Keep ignition sources away - Do not smoke.</p> |
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(Contd. on page 3)

GB

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**Trade name: NL-76500 / NL-78500 LITHIUM GREASE**

(Contd. of page 2)

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

#### · Storage:

#### · Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.

#### · Information about storage in one common storage facility:

Store away from oxidising agents.

#### · Further information about storage conditions:

Store in cool, dry conditions.

Keep container tightly sealed.

### · 7.3 Specific end use(s)

No further relevant information available.

## SECTION 8: Exposure controls/personal protection

#### · Additional information about design of technical facilities:

No further data; see item 7.

### · 8.1 Control parameters

#### · Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### · Additional information:

The lists valid during the making were used as basis.

### · 8.2 Exposure controls

#### · Personal protective equipment:

#### · General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Immediately remove all soiled and contaminated clothing

Wash hands before drinking, eating or smoking.

Wearing of Personal Protective Equipment (PPE) required for all persons with allergies.

#### · Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

#### · Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### · Material of gloves

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### · Penetration time of glove material

The exact breakthrough time of the glove material has to be found out by the manufacturer of the protective gloves and has to be observed.

#### · Eye protection:



Safety glasses

(Contd. on page 4)

# Safety data sheet

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Version number 9

Revision: 02.04.2020

Trade name: **NL-76500 / NL-78500 LITHIUM GREASE**

(Contd. of page 3)

· **Body protection:** Use protective suit.

## SECTION 9: Physical and chemical properties

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

#### · General Information

#### · Appearance:

Form: Pasty  
 Colour: Green  
 Odour: Characteristic

· **pH-value:** Not applicable

· **Change in condition drop point** >190 °C

· **Flash point:** Not applicable

· **Ignition temperature:** >250 °C

· **Density at 25 °C:** 0.870 g/cm<sup>3</sup>

· **Solubility in / Miscibility with water:** Insoluble.

· **Solvent content:**  
 VOC (EC) 0 %

· **9.2 Other information** No further relevant information available.

## SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.

### · 10.2 Chemical stability

#### · Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

### · 10.3 Possibility of hazardous reactions

None when normally used.

### · 10.4 Conditions to avoid

Heat, flames and sparks.

### · 10.5 Incompatible materials:

Materials to avoid: strong acids. oxidizing

### · 10.6 Hazardous decomposition products:

No decomposition if used and stored according to specifications.

## SECTION 11: Toxicological information

### · 11.1 Information on toxicological effects

· **Acute toxicity** Based on available data, the classification criteria are not met.

#### · Primary irritant effect:

#### · Skin corrosion/irritation

Based on available data, the classification criteria are not met.

#### · Serious eye damage/irritation

Based on available data, the classification criteria are not met.

#### · Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

#### · CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

#### · Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### · Carcinogenicity

Based on available data, the classification criteria are not met.

#### · Reproductive toxicity

Based on available data, the classification criteria are not met.

#### · STOT-single exposure

Based on available data, the classification criteria are not met.

#### · STOT-repeated exposure

Based on available data, the classification criteria are not met.

(Contd. on page 5)

# Safety data sheet

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(Contd. of page 4)

· **Aspiration hazard**

Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow product to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Send to an approved waste facility.  
Do not allow product to reach sewage system or any water course.
- **Uncleaned packaging:**
- **Recommendation:** Send to an approved waste facility.  
Disposal must be made according to official regulations.

### SECTION 14: Transport information

- |   |                 |
|---|-----------------|
| · <b>14.1 UN-Number</b><br>· <b>ADR, ADN, IMDG, IATA</b>                                    | Void            |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR, ADN, IMDG, IATA</b>                      | Void            |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, ADN, IMDG, IATA</b><br>· <b>Class</b> | Void            |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>                                     | Void            |
| · <b>14.5 Environmental hazards:</b><br>· <b>Marine pollutant:</b>                          | No              |
| · <b>14.6 Special precautions for user</b>  | Not applicable. |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>            | Not applicable. |
| · <b>UN "Model Regulation":</b>   | Void            |

GB

(Contd. on page 6)

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(Contd. of page 5)

### SECTION 15: Regulatory information

#### · 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Shelf-life : 36 months from the date it was manufactured.

#### · Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

· \* **Data compared to the previous version altered.**

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