



**MATERIAL SAFETY DATA SHEET**  
 according to Regulation (EC) 1907/2006 - REACH

<b>1. Identification of the substance/mixture and of the company/undertaking</b>	
<p>1.1 <b>Product identifier:</b></p> <p>1.2 <b>Relevant identified uses of the substance or mixture:</b>  <b>Uses advised against:</b></p> <p>1.3 <b>Details of the supplier of the safety data sheet:</b></p> <p><b>Reference to safety data sheet:</b></p> <p>1.4 <b>Emergency telephone number:</b></p>	<p><b>LITEA EP 00</b></p> <p>Lubricant grease                  All except above indicated</p> <p><b>Nils S.p.A.</b>  <b>Via Stazione, 30</b>  <b>39014 Postal (BZ)</b></p> <p><b>Tel. +39 0473 29 24 00</b>      e-mail: <a href="mailto:nils@nils.eu">nils@nils.eu</a>  <b>Fax: +39 0473 29 12 44</b>      <a href="http://www.nils.eu">www.nils.eu</a>                  Tel +39 0473 292400  <a href="mailto:schedasicurezza@nils.it">schedasicurezza@nils.it</a></p> <p>Nils spa:+39 0473 29 24 00 (only available during office hours)                  Niguarda Milano Hospital Poison Centre: +39 02 66101029</p>
<b>2. Hazards identification</b>	
<p>2.1 <b>Classification of the substance or mixture</b>  <b>Classification according to Regulation (EC) No. 1272/2008 [CLP]</b></p> <p>2.2 <b>Label elements</b>  <b>Labelling according to Regulation (EC) No. 1272/2008 [CLP]</b>  <b>Hazard statements</b>  <b>Precautionary statements</b></p> <p>2.3 <b>Other hazards:</b></p>	<p>/</p> <p>/</p> <p>/</p> <p>/</p> <p>EUH 210 – Safety data sheet available on request.                  None</p>



### 3. Composition/information on ingredients

3.1 <b>Mixtures</b> <b>Chemical description:</b>		Base oil with thickener and additives.			
<b>Hazardous components:</b>					
Nr. CE	Nr. CAS	Nr. Reach	Description	%	Class. 1272/08
270-335-7	68425-15-0	01-2119540516-41	DI-TERT-DODECYL POLYSULFIDE	1-<10	Aquatic Chronic 4; H413
<b>Additional information:</b>		Complete list of H hazard statements is indicated in point 16 of this MSDS. For ingredients without any information about the EG-number we will use a generic name according to RL 1999/45/EG amendment VI. Highly refined mineral oil (IP 346 DMSO extract < 3%).			

### 4. First aid measures

4.1 <b>Description of first aid measures</b> -After inhalation:  -After skin contact:  -After eye contact:  -After ingestion:	No special measures are necessary. Provide fresh air. When in doubt or if symptoms are observed, get medical advice. After contact with skin, first remove product with a dry cloth and then wash the skin with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Wash with plenty of water. Call a physician immediately. Do NOT induce vomiting. Call a physician immediately.
4.2 <b>Most important symptoms and effects, both acute and delayed:</b>	The following symptoms may occur: difficult breathing, headaches, dizziness, nausea. Symptoms may occur after many hours.
4.3 <b>Indication of any immediate medical attention and special treatment needed:</b>	No data available

### 5. Firefighting measures

5.1 <b>Extinguishing media</b> <b>Suitable extinguishing media:</b>  <b>Unsuitable extinguishing media:</b>	Water spray jet , Foam , Extinguishing powder , Carbon dioxide (CO <sub>2</sub> ) , Sand . Co-ordinate fire-fighting measures to the fire surroundings. Water (use water only to cool the around surfaces)
5.2 <b>Special hazards arising from the substance or mixture:</b>	Carbon dioxide (CO <sub>2</sub> ) , Nitrogen oxides (NO <sub>x</sub> ). Sulphur dioxide (SO <sub>2</sub> ). Carbon monoxide. Aliphatic and aromatic pyrolysis products, Phosphoric oxides
5.3 <b>Advice for firefighters:</b>	Use suitable breathing apparatus
5.4 <b>Additional information:</b>	Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.



6. Accidental release measures	
6.1 <b>Personal precautions, protective equipment and emergency procedures:</b>	Avoid contact with skin, eyes and clothes. Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work Do not allow to enter the product in sewage system, surface of ground water Special danger of slipping by leaking/spilling product. Use non-flammable absorbent products (sand, earth, fossil flour, vermiculite).. Disposal: see section 13 . None
6.2 <b>Environmental precautions:</b>	
6.3 <b>Methods and material for containment and cleaning up:</b>	
6.4 <b>Reference to other sections:</b>	
7. Handling and storage	
7.1 <b>Precautions for safe handling:</b>	Precautions for safe handling No hazardous reaction when handled and stored according to provisions. Avoid contact with skin, eyes and clothes. Do not smoke, avoid contact with ignition sources
<b>Information about protection against explosions and fires:</b>	
7.2 <b>Conditions for safe storage, including any incompatibilities:</b>	
7.3 <b>Specific end use(s):</b>	Avoid to store with oxidants, store in tightly closed original holders in a dry, cool and well-ventilated place, protect from direct sunlight and frost, do not store on temperatures lower than 0°C Notice the directions for use on the label. No data available
8. Exposure controls/personal protection	
8.1 <b>Control parameters:</b>	none  Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work. 13 - Keep away from food, drink and animal feeding stuffs. Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work No special measures are necessary. Tested protective gloves must be worn Breakthrough time (maximum wearing time) : 4 hours ( NBR (Nitrile rubber) , Thickness of the glove material : 0,4 mm ) . See information supplied by the manufacturer. Additional eye protection measures : Wear eye/face protection. Protective work clothing
8.2 <b>Exposure controls</b>	
<b>Personal protective equipment:</b>	
<b>-General protective and hygiene measures:</b>	
<b>-Respiratory protection:</b>	
<b>-Hand protection:</b>	
<b>-Eye protection:</b>	
<b>-Body protection:</b>	



## 9. Physical and chemical properties

<b>Form:</b> <b>Colour:</b> <b>Odour:</b> <b>Odour treshold:</b>	Pasty Characteristic Characteristic Not determined																																													
<b>Flash point:</b> <b>Density at 20°C:</b> <b>Solubility / miscibility in water:</b> <b>pH at 23°C and concentr. 50 g/l:</b> <b>Selfignition:</b> <b>Danger of explosion:</b>	<table border="1"> <thead> <tr> <th><i>Value</i></th> <th><i>Unit</i></th> <th><i>Method</i></th> </tr> </thead> <tbody> <tr> <td>&gt;200</td> <td>°C</td> <td></td> </tr> <tr> <td>ca 0.93</td> <td>g/cm<sup>3</sup></td> <td>DIN 51757</td> </tr> <tr> <td>Not miscible or difficult to mix</td> <td></td> <td></td> </tr> <tr> <td>Not applicable</td> <td></td> <td>DIN 51369</td> </tr> <tr> <td>Product is not self-igniting</td> <td></td> <td></td> </tr> <tr> <td>No explosive hazard</td> <td></td> <td></td> </tr> </tbody> </table>	<i>Value</i>	<i>Unit</i>	<i>Method</i>	>200	°C		ca 0.93	g/cm <sup>3</sup>	DIN 51757	Not miscible or difficult to mix			Not applicable		DIN 51369	Product is not self-igniting			No explosive hazard																										
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<b>Melting point/melting range:</b> <b>Boiling temperature/boiling range:</b> <b>Evaporation rate:</b> <b>Flammability (solid, gas):</b> <b>Upper/lower flammability or explosive limits:</b> <b>Vapour pressure:</b> <b>Vapour density:</b> <b>Partition coefficient n-octanol/ water:</b> <b>Autoignition temperature:</b> <b>Decomposition temperature:</b> <b>Oxidising properties:</b>	<table border="1"> <tbody> <tr> <td>&gt;120</td> <td>°C</td> <td></td> </tr> <tr> <td>&gt;250</td> <td>°C</td> <td></td> </tr> <tr> <td>No data available</td> <td></td> <td></td> </tr> <tr> <td>Not applicable</td> <td></td> <td></td> </tr> <tr> <td>No data available</td> <td></td> <td></td> </tr> </tbody> </table>	>120	°C		>250	°C		No data available			Not applicable			No data available			No data available			No data available			No data available			No data available			No data available			No data available			No data available			No data available			No data available			No data available		
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## 10. Stability and reactivity

10.1 <b>Reactivity:</b> 10.2 <b>Chemical stability:</b> 10.3 <b>Possibility of hazardous reactions:</b> 10.4 <b>Conditions to avoid</b> 10.5 <b>Incompatible materials</b> 10.6 <b>Hazardous decomposition products</b>	No information available. No information available. No information available. Stable under recommended storage and handling conditions (See section 7). Strong oxidizing agents Does not decompose when used for intended uses. Thermal decomposition can lead to the escape of irritating gases and vapours. Hazardous decomposition products : Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). aldehydes. Ketone , Sulphur oxides , Nitrogen oxides (NO <sub>x</sub> ), Phosphoric oxides
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## 11. Toxicological information

### 11.1 Information on toxicological effects:

#### Acute oral toxicity

Parameter: LD0 (DI-TERT-DODECYL POLYSULFIDE; CAS No.: 68425-15-0)

Exposure type: Oral

Species: Mouse

Effective dose: = 12.5 ML / KG

Parameter: LD50 (DI-TERT-DODECYL POLYSULFIDE; CAS No.: 68425-15-0)

Exposure type: Oral

Species: Mouse

Effective dose: = 20000 mg / kg

Parameter: LD50 (DI-TERT-DODECYL POLYSULFIDE; CAS No.: 68425-15-0)

Exposure type: Oral

Species: Rat

Effective dose: 20000 - 25000 mg / kg

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

#### Acute dermal toxicity

Parameter: LD0 (DI-TERT-DODECYL POLYSULFIDE; CAS No.: 68425-15-0)

Exposure type: Dermal

Species: Rat

Effective dose: = 2000 mg / kg

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

#### -Inhalation:

Prolonged exposition to vapour or mist may cause irritation of respiratory tract

#### - swallowing:

May cause irritation of digestive tract, vomit, nausea and diarrhoea

#### -skin contact:

Repeated exposure may cause skin dryness or cracking

#### -eye contact:

May cause irritation to eyes .

#### -sensitization:

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

## 12. Ecological information

### 12.1 Toxicity:

There are no data available on the product itself

### 12.2 Persistence and degradability:

Product is not easily biodegradable, do not allow to enter the product in sewage system, surface of ground water

### 12.3 Bioaccumulative potential:

There are no data available on the product itself

### 12.4 Mobility in soil:

There are no data available on the product itself

### 12.5 Results of PBT and vPvB assessment:

There are no data available on the product itself

### 12.6 Other adverse effects:

There are no data available on the product itself



<b>13. Disposal considerations</b>	
<b>13.1 Waste treatment methods</b> <b>-Recommendation:</b>  <b>-Waste key:</b> <b>-Contaminated packaging:</b>	Can not be disposed of together with household garbage. Do not allow product to reach sewage system 12 01 12 spent waxes and greases Contaminated packages must be completely emptied and can be re-used following proper cleaning. Completely emptied packages can be recycled. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.
<b>14. Transport information</b>	
<b>14.1 UN number:</b>  <b>14.2 UN proper shipping name:</b> <b>14.3 Transport hazard class(es):</b> <b>14.4 Packing group:</b> <b>14.5 Environmental hazards:</b> <b>14.6 Special precautions for user:</b>	The product is not considered as dangerous for road transport (ADR/RID), air transport (ICAO/IATA) and sea transport (IMDG) / / / / /
<b>15. Regulatory information</b>	
<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:</b>  <b>15.2 Chemical safety assessment:</b>	Reg. CE 1272/2008 (CLP) Reg. CE 790/2009 (1° ATP CLP) Reg. 1907/2006 (Reach) Reg. UE 453/2010 Reg. UE 830/2015  There are no data available on the product itself.
<b>16. Other information</b>	
<p>This MSDS was prepared in accordance to Regulation 1907/2006/CE (Reach).</p> <p><b>H hazard statements:</b>            H413 – May cause long lasting harmful effects to aquatic life.</p> <p>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.</p> <p>Last revision: 16.01.2018</p>	