



# MATERIAL SAFETY DATA SHEET

according to Regulation (EC) 1907/2006 - REACH

<b>1. Identification of the substance/mixture and of the company/undertaking</b>					
<b>1.1 Product identifier:</b>		<b>SILIKON 1-2</b>			
<b>1.2 Relevant identified uses of the substance or mixture:</b>		Lubricant grease			
<b>Uses advised against:</b>		All except above indicated			
<b>1.3 Details of the supplier of the safety data sheet:</b>		<b>Nils S.p.A.</b> <b>Via Stazione, 30</b> <b>39014 Postal (BZ)</b>			
<b>Reference to safety data sheet:</b>		<b>Tel. +39 0473 29 24 00</b> <b>Fax: +39 0473 29 12 44</b> Tel +39 0473 292400 <a href="mailto:schedasicurezza@nils.it">schedasicurezza@nils.it</a>		<b>e-mail: <a href="mailto:nils@nils.eu">nils@nils.eu</a></b> <b><a href="http://www.nils.eu">www.nils.eu</a></b>	
<b>1.4 Emergency telephone number:</b>		Nils spa:+39 0473 29 24 00 (only available during office hours) Niguarda Milano Hospital Poison Centre: +39 02 66101029			
<b>2. Hazards identification</b>					
<b>2.1 Classification according to Regulation (EC) No. 1272/2008 (CLP-GHS):</b>		/			
<b>2.2 Label elements :</b>		None			
<b>Hazard statements H:</b>		/			
<b>Precautionary statements P:</b>		/			
<b>2.3 Other hazards:</b>		None			
<b>3. Composition/information on ingredients</b>					
<b>3.1 Mixtures</b>					
<b>Chemical description:</b>		Base oil, thickener and additives.			
<b>Hazardous components:</b>					
<b>Nr. CE</b>	<b>Nr. CAS</b>	<b>Nr. Reach</b>	<b>Description</b>	<b>%</b>	<b>Class. 1272/08</b>
<b>Additional information:</b>		Free of PCB/PCT. Complete list of H hazard statements is indicated in point 16 of this MSDS.			



<b>4. First aid measures</b>	
<p>4.1 <b>Description of first aid measures</b>  <b>-After inhalation:</b>  <b>-After skin contact:</b>    <b>-After eye contact:</b>    <b>-After ingestion:</b></p> <p>4.2 <b>Most important symptoms and effects, both acute and delayed:</b></p> <p>4.3 <b>Indication of any immediate medical attention and special treatment needed:</b></p>	<p>Aerate the room, if necessary consult a doctor.  Remove all contaminated clothing, wash off with soap and plenty of water.  Rinse opened eye for several minutes under running water, if necessary consult a doctor.  Do not induce vomiting in order to avoid pneumonia, seek medical attention.</p> <p>No data available</p> <p>No data available</p>
<b>5. Firefighting measures</b>	
<p>5.1 <b>Extinguishing media</b>  <b>Suitable extinguishing media:</b>    <b>Unsuitable extinguishing media:</b></p> <p>5.2 <b>Special hazards arising from the substance or mixture:</b></p> <p>5.3 <b>Advice for firefighters:</b></p> <p>5.4 <b>Additional information:</b></p>	<p>CO<sub>2</sub>, foam, extinguishing powder, sand.  Water (use water only to cool the around surfaces)  .  None  Body and respiratory protection devices.  Do not allow the contaminated water into the sewage system.</p>
<b>6. Accidental release measures</b>	
<p>6.1 <b>Personal precautions, protective equipment and emergency procedures:</b></p> <p>6.2 <b>Environmental precautions:</b></p> <p>6.3 <b>Methods and material for containment and cleaning up:</b></p> <p>6.4 <b>Reference to other sections:</b></p>	<p>Avoid contact with skin and eyes. Take the precautions customary when handling chemicals. (Special protective equipment).  Do not allow to enter the product in sewage system, surface of ground water.  Use non-flammable absorbing products, sand, fossil meal, vermiculite. Attention danger of slipping.  None.</p>
<b>7. Handling and storage</b>	
<p>7.1 <b>Precautions for safe handling:</b>    <b>Information about protection against explosions and fires:</b></p> <p>7.2 <b>Conditions for safe storage, including any incompatibilities:</b></p> <p>7.3 <b>Specific end use(s):</b></p>	<p>Keep the site ventilated, avoid vapour respiration, prevent skin and eye contact.    Do not smoke, avoid contact with ignition sources.    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.    No data available</p>



## 8. Exposure controls/personal protection

<p>8.1 <b>Control parameters:</b> 8.2 <b>Exposure controls</b> <b>Personal protective equipment:</b> <b>-General protective and hygiene measures:</b></p> <p><b>-Respiratory protection:</b></p> <p><b>-Hand protection:</b></p> <p><b>-Eye protection:</b></p> <p><b>-Body protection:</b></p>	<p>Avoid gas, vapour and aerosol respiration. Avoid prolonged and intensive skin contact. Removed immediately contaminated clothing. Wash hands before breaks and after work.</p> <p>No particular protective measures required in well ventilated site.</p> <p>Nitrile rubber oil resistant gloves, DIN/EN norm 374, thickness 0.4mm, perforation time &gt;240 min, use protective hand cream.</p> <p>Safety glasses.</p> <p>Protective work clothing.</p>
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## 9. Physical and chemical properties

<p><b>Form:</b> <b>Colour:</b> <b>Odour:</b> <b>Odour treshold:</b></p> <p><b>Flash point:</b> <b>Density at 20°C:</b> <b>Solubility / miscibility in water:</b> <b>Viscosity at 20°C:</b> <b>pH at 23°C and concentr. 50 g/l:</b> <b>Selfignition:</b> <b>Danger of explosion:</b></p> <p><b>Initial ebolition point:</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></p>	<p>Pasty Characteristic Characteristic Not determined</p> <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>250</td> <td>°C</td> <td></td> </tr> <tr> <td>ca 1.00</td> <td>g/cm<sup>3</sup></td> <td>DIN 51757</td> </tr> <tr> <td>Imiscible</td> <td></td> <td></td> </tr> <tr> <td>Not applicable</td> <td>mm<sup>2</sup>/s</td> <td>DIN 51562</td> </tr> <tr> <td>Not applicable</td> <td></td> <td>DIN 51369</td> </tr> <tr> <td colspan="3">Product is not self-igniting</td> </tr> <tr> <td colspan="3">Product is not explosive</td> </tr> <tr> <td colspan="3">No data available</td> </tr> <tr> <td colspan="3">No data available</td> </tr> <tr> <td colspan="3">Not applicable</td> </tr> <tr> <td colspan="3">No data available</td> </tr> <tr> <td colspan="3">No data available</td> </tr> <tr> <td colspan="3">No data available</td> </tr> <tr> <td colspan="3">No data available</td> </tr> <tr> <td colspan="3">No data available</td> </tr> <tr> <td colspan="3">No data available</td> </tr> <tr> <td colspan="3">No data available</td> </tr> </tbody> </table>	<i>Value</i>	<i>Unit</i>	<i>Method</i>	250	°C		ca 1.00	g/cm <sup>3</sup>	DIN 51757	Imiscible			Not applicable	mm <sup>2</sup> /s	DIN 51562	Not applicable		DIN 51369	Product is not self-igniting			Product is not explosive			No data available			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		
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## 10. Stability and reactivity

<p>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></p>	<p>No decomposition if used according to specifications. Product is stabile during normal use. No dangerous reaction known.</p> <p>None under recommended storage and handling conditions.</p> <p>Strong oxidizing agents.</p> <p>None</p>
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<b>11. Toxicological information</b>	
<b>11.1 Information on toxicological effects:</b> <b>-Inhalation:</b>  <b>- swallowing:</b>  <b>-skin contact:</b>  <b>-eye contact:</b>  <b>-sensitization:</b>	Prolonged exposition to vapour or mist may cause irritation of respiratory tract. May cause irritation of digestive tract, vomit, nausea and diarrhoea. Frequent and prolonged contact with skin may degrease and irritate it. May cause light irritation.  No senziting effects known.
<b>12. Ecological information</b>	
<b>12.1 Toxicity:</b> <b>12.2 Persistence and degradability:</b>  <b>12.3 Bioaccumulative potential:</b> <b>12.4 Mobility in soil:</b> <b>12.5 Results of PBT and vPvB assessment:</b> <b>12.6 Other adverse effects:</b>	There are no data available on the product itself. Product is not easily biodegradable, do not allow to enter the product in sewage system, surface of ground water. There are no data available on the product itself. There are no data available on the product itself.  There are no data available on the product itself. 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 In accordance with local official regulations.
<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  There are no data available on the product itself.



## 16. Other information

This MSDS was prepared in accordance to Regulation 1907/2006/CE (Reach).

**H hazard statements:**

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.

Last revision: 09.01.2017