

**Product properties – Technical sheet**

<p><b>LUBRICANT SM</b></p>	<p><b>Item no.:</b> <b>41 40 15</b></p>
<p><b>Areas of application</b></p>	<p><b>Lubricant SM</b> is a high concentrated agent with excellent lubricating effect to be used in centralized lubrication systems of conveying belts for bottles, cans and boxes in beverage and food industry.</p> <p><b>Lubricant SM</b> avoids a clog up of pipes, valves, nozzles and sieves in the centralized lubrication system.</p> <p><b>Lubricant SM</b> is based on special cleansing components which allow hygienic surfaces on the conveying belts.</p> <p><b>Lubricant SM</b> works independent from the water hardness of the used water.</p>
<p><b>Method of application</b></p>	<p>Concentration: 0.1 – 0.4 %          Temperature: cold – 30°C          Time: permanent          Application: Suitable for automatic metering, time relay or volumetric control</p> <p>It is advisable to have a periodical cleaning and maintenance of the dosing system, the pipes nozzles and sieves.</p>
<p><b>Material compatibility</b></p>	<p>PVDF, PP, PE, PVC, Stainless Steel, Glass</p> <p><b>Lubricant SM</b> must not be used on steel and cast iron. In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p>

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<b>Analysis of concentration</b>	see titration method		
<b>Physical and chemical properties</b>			
<b>Aspect/colour</b>	Colourless		
<b>Form</b>	Liquid		
<b>Odour</b>	Characteristic		
<b>Foaming behaviour</b> <small>(see under conditions of application)</small>	Slightly foaming		
<b>Phosphates</b>	not applicable		
<b>Density (20°C) g/cm<sup>3</sup></b>	0.995 – 1.015		
<b>Concentration</b>	<b>1 % in H<sub>2</sub>O dest.</b>	<b>3 % in H<sub>2</sub>O dest.</b>	<b>5 % in H<sub>2</sub>O dest.</b>
<b>pH value (1 %, 20°C)</b>	5.5 – 7.5	not applicable	not applicable
<b>Conductance (1 %, 20°C) mS/cm</b>	not applicable	not applicable	not applicable
<b>Phenolphthalein alkalinity (ml)</b>	not applicable		
<b>m-Value (ml)</b>	not applicable		
<b>Storage stability</b>	+ 5°C to + 30°C		
<b>Remarks regarding biocides</b>	not applicable		
<b>Hazardous products</b>	Fatty alkylamine		
<b>Risk symbols</b>			
	<b>DANGER</b>		
<b>Special remarks</b>	<p>Always close the container with the original closure, and store the items in a cool area without solar radiation. Product which was taken out of the container must never be poured back into the container.</p> <p><b>Read in any case our safety data sheet before using the product!</b></p>		
<b>Disposal</b>	Disposal acc. to official regulations, in case of doubt contact the manufacturer.		

Please refer to our safety data sheets and our operating instructions with regard to precautionary measures, first aid measures and storage. The information given in the Sheet corresponds to the present state of our technical knowledge and experience. They do not constitute any guarantee; they are to be considered as basic information only. In particular they do not guarantee particular properties or the suitability for a concrete purpose. Because of the multitude of possible influences during the application of our products, the user has to make in any case the relevant tests and take the corresponding precautions. Any existing intellectual property rights are to be observed.