



Product properties – Technical sheet

LUBRICANT NZ SA	Item no.: 41 40 20
Areas of application	<p>Lubricant NZ SA 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>Lubricant NZ SA is based on synthetic soap.</p> <p>Lubricant NZ SA avoids a clog up of pipes, valves, nozzles and sieves in the centralized lubrication system.</p> <p>Lubricant NZ SA is based on special cleansing and anti bactericide components which allow reducing the number of germs possibly present on the conveying belts.</p>
Method of application	<p>Concentration: 0.2 – 0.8 % 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>
Material compatibility	<p>PVDF, PP, PE, PVC, Stainless Steel, Glass, Steel, cast iron</p> <p>Lubricant NZ SA must not be used on aluminium. 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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Analysis of concentration	according to the titration instructions		
Physical and chemical properties			
Aspect/colour	Clear	Slightly Brownish – Brownish	
Form	Liquid		
Odour	Characteristic		
Foaming behaviour <small>(see under conditions of application)</small>	Weak Foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.066 – 1.086		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	9.3 – 9.9	n/a	n/a
Conductance (1 %, 20°C) mS/cm	1.27 – 1.47	3.3 – 3.7	4.6 – 5.0
Phenolphthalein alkalinity (ml)	n/a		
m-Value (ml)	5.7 ± 0.5 (1 % at 30 ml sample)		
Storage stability	+ 5°C to + 30°C		
Remarks regarding biocides	n/a		
Hazardous products	Tetrasodium Ethylenediaminetetraacetate / Sulfonic acids, C14-17-sec-alkane, sodium salts		
Risk symbols			
	DANGER		
Special remarks	<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>Read in any case our safety data sheet before using the product!</p>		
Disposal	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.