
KOLLASOL CDA

Character	Deaerator and penetration accelerator with excellent foam-inhibiting properties
Chemical character	Mix of hydrophilic silicone compounds with higher alcohols
Appearance	Clear liquid
Ionic character	Non ionic
pH value of a 10 % solution	6.0 – 9.0
Specific weight at 20 °C	0.92
Stabilities	<p>In the usual concentrations, KOLLASOL CDA is well stable to the hardeners of water, alkalis and acids as well as to the chemicals usually applied in the textile industry.</p> <p>At temperatures below 5 °C the product tends to crystallise. The crystals dissolve at room temperature and after thorough stirring.</p>
Storage	On proper storage in closed original containers, the product is stable for at least 12 months.

The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

Properties

KOLLASOL CDA has an excellent and lasting antifoaming effect in all application fields. Thus, a good antifoaming effect is achieved with a low application amount on fast speed machines. The product is excellently compatible with dyestuffs and can therefore also be used in dyeing processes. Compared with antifoaming systems based on emulsified silicone oils, the risk of stains through detached silicone oil is not given with KOLLASOL CDA since the product is based on hydrophilic silicone compounds with an antifoaming effect.

The use of KOLLASOL CDA is possible in cold and hot treatment baths.

KOLLASOL CDA shouldn't be applied with reactive dyes containing phthalocyanine (turquoise and green) in padding procedures. Instead, we propose 2.0 – 5.0 g/l KOLLASOL IND.

Application technique

Diluting instructions

KOLLASOL CDA can be directly added to the treatment baths without being emulsified before. KOLLASOL CDA cannot be prediluted as stock solution. The product accumulates at the surface of the stock solutions. Stock solutions can be produced only if permanently stirred.

Application fields

KOLLASOL CDA is applied if foam develops in washing, bleaching and dyeing liquors. Apart from the antifoaming effect, the product also has a good deaerating effect and is therefore also suited to be used in this application field.

Application recommendations

We cannot give exact application amounts since they depend on the foaming substance in the liquor, the turbulence and the inclusion of air.

Average application amounts:

0.1 – 0.5 g/l KOLLASOL CDA

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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