

	<i>Raw Material Specification:</i> Vinkocos p-6N	Vink Chemicals GmbH & Co. KG Eichenhöhe 29 21255 Kakenstorf	<i>Printing</i> 11/11/2011 <i>Revised:</i> 11/7/2011
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General Information:

INCI-name: Chitosan
CAS Number: 9012-76-4
Labeling: ./.

Specification:

Appearance: off white powder
Deacetylation: > 95 %
Ash content: < 0,8 %
Loss on drying: < 8 %
As: < 0,5 ppm
Heavy Metals: < 15 ppm
Particle Size: 40 – 140 mesh

Application:

In agriculture, chitosan is an ecologically friendly biopesticide booster. Chitosan is also used in water processing engineering as a part of a filtration process. Acting as a flocculant, Chitosan causes the fine sediment particles to bind together, and is subsequently removed with the sediment during sand filtration. Chitosan also removes phosphorus, heavy minerals, and oils from the water.

In cosmetics and toiletries Chitosan is used as a film forming agent, a gelling agent or a wetting agent.