

# Ecological Information



## KS 21 Vario Smart

Water-dilutable all-purpose cleaner

**Ingredients:** <5% soap, <5% anionic surfactants, <5% nonionic surfactants, <5% phosphates, contains perfumes. Other ingredients: alkalis, auxiliary agents, colouring.

<b>Ecolabel</b>	<b>Percentage of readily biodegradable components according to OECD 301 or REGULATION on detergents</b>	<b>Theoretical oxygen demand</b>	<b>Phosphorus content (calculated as elemental phosphorus)</b>
	97.4 %	160 mg / g	2.7 mg / g

Environmental impacts of the product are predominantly due to its alkalinity and its content of surfactants, which are toxic to aquatic organisms. After sewage neutralisation the alkalinity is no longer relevant, while the surfactants, together with most of the other organic components, are largely degraded during the usual dwelling time of sewage in treatment plants. Remnants eventually released into natural waters are immediately subject to further degradation processes and will soon disappear from the environment.

Non-readily biodegradable components consist practically exclusively of fragrances (etheric oils), which according to their function in nature are only slowly biodegraded.

The release of phosphates into the environment depends on the equipment of the particular sewage treatment plant. Possible eutrophication effects should be considered in relation to the total phosphorus load of the sewage.