



Swiss antimicrobial expertise
since 1935

TECHNICAL INFORMATION

Sanitized® PL 18-33

Additive for textile and/or plastics industry

Fields of Application	Control of mildew, fungi and bacteria in plastic/PVC/vinyl products.	Examples:	Indoor applications such as floor and wall coverings, coated fabrics for upholstery, shower curtains, awnings. Outdoor applications such as swimming pool liners, lining foils, cable casings, tarpaulins, tents. Clothing and sports articles such as rain wear, protective wear, shoes, boots and gloves.
	Sanitized® PL 18-33 may not be used for articles having direct food contact, toys or baby articles.		

Mode of Action and Advantages	Sanitized® PL 18-33 has a reliable effect on a large number of molds, mildew, fungi, yeast and bacteria.	Advantages:	<ul style="list-style-type: none">_ Highly effective and durable protection against the attack of mold, mildew, bacteria, yeast and fungi_ Prevents formation of unpleasant odors caused by bacteria_ Durable effectiveness_ Ready-to-use, easy to dose_ EPA registered_ PMRA registered_
Substrates protected with Sanitized® PL 18-33 are safe for man and environment.			



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Application 0.1-0.75 % of Sanitized® PL 18-33 related to the total weight of the material to be protected.

An absolutely homogeneous incorporation into the material is essential for a good antimicrobial activity. The mixture of the product with fluid additives should be ensured by the use of a good mechanical stirring device. Sanitized® PL 18-33 may never be introduced directly into fillers and pigments.

Characteristics

Composition	Solution of 2-n-octyl-4-isothiazolin-3-one (OIT)
Commercial form	In 25 kg jerry cans, 200 kg drums and 1000 kg containers
Flashpoint	>110°C
Appearance	Clear, yellow solution
Density at 20 °C	1.020-1.040 g/cm ³
Solubility	Insoluble in water. Soluble in lower alcohols and glycols.
Compatibility*	PVC plastisols and solvent based PUR
Fastness*	Light stable, pH stability from 2 to 10

*These statements concerning the compatibility and fastness of the finish are indications of the common uses known to us for the use of our product and reflect the current state of our knowledge. Specific performance parameters for finished material must, in each case, be evaluated by the user before commercial application.
