

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

Substrates protected with Sanitized® PL 18-33 are safe for man and environment. Sanitized[®] PL 18-33 has a reliable effect on a large number of molds, mildew, fungi, yeast and bacteria.

Advantages:

- 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

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Swiss antimicrobial expertise since 1935

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/cm³

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.



Swiss antimicrobial expertise since 1935

Microbiological Tests In order to check the antimicrobial effectiveness of the treated materials the following test

methods are recommended:

Agar diffusion Mold fungi, mildew, yeast,

bacteria

Test for mildew resistance Mold fungi, mildew

Further information on these test methods is available from your local representative.

Sanitized[®]
Quality Seal

With a simple license agreement we transfer the rights to use the Sanitized[®] Ingredient Brand to you. Only substrates corresponding with the SANITIZED standard are allowed to carry the

Sanitized® Quality Seal.

Trademark Please ask for the complete SANITIZED documentation.

Storage/Handling

Storage stability

Please refer to the expiry date specified on the packaging.

Further safety and ecological details are given in the Safety Data Sheet (SDS).

Sanitized® is a trademark which is registered in numerous countries. All statements in communications regarding the technical application of our products refer to the possibilities for their use, as known to us, and reflect the current state of our knowledge. Due to the numerous possible application variations in the industrial practice and the necessarily limited number of application examples that have been prepared, this information is given without obligation or liability of any kind on our part.

Safety data and instructions can be obtained either from the technical information about our products or are available on request. Before every application of this product it must first be ensured whether its intended use conforms to legal requirements, whether an official notification or registration is required, that there are not undesired effects in the application of the products or use of the treated material and whether any special precautions have to be taken for the protection of the plant personnel or the environment.

Claims must be in compliance with the statutes and regulations of the country in which an item treated with a Sanitized® product is placed into circulation; the possible nonbinding wording for such claims is found on our homepage. The party using a claim must ensure the permissibility of the claim in each specific individual case.

SANITIZED AG is not liable for claims, which are made with reference to treated items.