



Swiss antimicrobial expertise
since 1935

TECHNICAL INFORMATION

Sanitized® AC+

Antimicrobial additive for water-borne coatings to prevent microbial attack in the solid-state

Silver Chloride
$\text{Ag}^+ \text{Cl}^-$
CAS No: 7783-90-6

General Information

Sanitized® AC+ is designed to prevent growth of bacteria and yeasts in the wet and dry-state of water-based coatings. This product can be used to have an antimicrobial and antifungal property on facades, buildings and interior surfaces as well as in liquid-stated products. It gives coating suppliers and their end-users an added value for their products. Latest technology is used to formulate this high-performance product, which fulfills the EU requirements for chemicals (REACH) and biocides (BPR) in coatings and emulsions. Sanitized® AC+ covers a broad spectrum of bacteria and some fungi and has a good leaching stability.

Active Ingredient

Silver Chloride (AgCl)

Use Level

0.05 – 1.00 % in the final product

Special Features of Sanitized® AC+

Coatings protected with Sanitized® AC+ are noted for their excellent storage stability.

- Excellent antibacterial activity
- Moderate antifungal activity
- In-can and dry-film protection with silver-ions
- Durable film protection
- Easy dosing at the end of manufacturing process
- FDA admission
- Free of Formaldehyde
- Free of VOC
- Good leaching stability
- Excellent heat stability



Swiss antimicrobial expertise
since 1935

Antimicrobial Activity	Bacteria	Fungal / Yeast
Technical Service	SANITIZED Preservation AG laboratories can provide assistance concerning this product and its application. Please contact us for further information and support.	
Microbiological Tests	ISO 22196 / JIS 2801Z	ISO 846

Characteristics

Composition	Aqueous dispersion of Silver Chloride (AgCl)	
Commercial Form	Canister	25 kg
	Drum	200 kg
	IBC	1000 kg
Availability	EU, AP, LA or upon request	
Appearance	Off white to grey dispersion	
pH Value (20° C)	pH 5 – 7 (stable between pH 4 and 12)	
Viscosity (20° C)	3000 - 4000 mPas, 30 rpm	
Density (20 ° C)	1.015 g/ml	
Flashpoint	> 100° C	
Compatibility*	Sanitized® AC+ is compatible with most target formulations. Individual compatibility checks are however recommended.	

*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.

**The availability of Sanitized® products needs to be checked individually on request.



Swiss antimicrobial expertise
since 1935

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

Sanitized® AC+ must be stored closed and between 0° C and 40° C.

Safety Information

Sanitized® AC+ is only for professional use. Please read the Safety Data Sheet (SDS) carefully before using Sanitized® AC+. Further safety and ecological details are given in the SDS.

First Aid

Inhalation	Move to fresh air immediately
Ingestion	Rinse mouth thoroughly with water
Skin Contact	Wash contaminated area thoroughly with water
Eye Contact	Wash eyes thoroughly with water
Disposal	Sanitized® AC+ should be disposed through specialists according to the local regulations.

In each case immediate medical attention is necessary !

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 no 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 non-binding 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.