

## Description

SSB<sup>®</sup> AQUAGOLD is an aqueous solution of an ammonium shellac salt without preservatives. Due to a special production process, a shelf life of 12 month can be guaranteed for SSB<sup>®</sup> AQUAGOLD in the original unopened packaging. SSB<sup>®</sup> 57 Pharma Flake Shellac, a high quality dewaxed orange shellac refined by the SSB Solvent Extraction Process, is the main ingredient. SSB<sup>®</sup> AQUAGOLD can be used as supplied or diluted with demineralised water. It can also be formulated with other polymers, additives or colouring agents.

SSB<sup>®</sup> AQUAGOLD is suitable for coating applications (Pharma and Food) in perforated pans or fluid bed coaters or microencapsulation. Each batch is accompanied by a Certificate of Analysis (SSB), a Material Safety Data Sheet (SSB) and a Microbiological Examination of Non Sterile Products according to the current pharmacopoeias (Ph.Eur. and USP).

Specification	Methods of Analysis	Nominal Values	Unit
Appearance	Clear or opaque solution		
Odour	Sweetly		
Solids content	DIN 53189-5.3 (2h at 105°C)	25±1	[%]
pH-value	DIN 53785 at 20°C, glass electrode	7,3±0,3	
Viscosity	DIN EN ISO 2431 at 20°C	<25	[s]
Colour L*a*b	Photometer LICO 200	L>50	
Colour index	Lovibond PRS-Scale 20% in water	4 – 6	
Acid value (SSB Flake Shellacs)	DIN EN ISO 2114	73±2	
Ingredients	Regulatory Status	CAS	EINECS
Shellac ammonium salt	E904/E527	68308-35-0	2696476
Water		7732-18-5	231-791-2
Specifications Microbiology	Methods of analysis	Nominal Values	Unit
TAMC (Total Aerobic Microbial Count)	Total Viable Count according to the harmonized method of the current Ph.Eur., Chapter 2.6.12	<100	cfu
TYMC (Total Combined Yeast and moulds Count)	Total Viable Count according to the harmonized method of the current Ph.Eur., Chapter 2.6.12	<100	cfu

## Storage, Packaging and Cleaning

Storage	Cool storage, do not freeze
Shelf life	12 months from date of manufacture
Packaging	Plastic pails with 20kg. Opened pails should not be stored.
Cleaning	For stainless steel equipment a 10% aqueous solution of sodium carbonate is recommended.

## Note

The specifications mentioned in this technical data sheet do only serve as product description. They have been ascertained immediately after production. A legally binding guarantee of certain properties or of the suitability for a concrete application cannot be deduced from these data. Improper transport and / or improper storage can cause changes. The specifications in this data sheet do not release the customer from his own examinations of the characteristics of the product and the suitability for the intended use.