

RHEOZAN® SH

TECHNICAL DATA SHEET EU 90021881 – MARCH 2024

IDENTIFICATION

INCI Name: SUCCINOGLYCAN
CAS Number: 73667-50-2

SPECIFICATIONS

Appearance
Color
Loss on Drying, %
pH (0.5% Aqueous Solution)
Viscosity, cPs (0.2% in Water, Brookfield 3 rpm)
Ash, %
Heavy Metals (as Lead), mg/kg
Arsenic, mg/kg
Total Plate Count, cfu/g
Yeast and Molds, cfu/g

RESULTS

Fine Powder
Creamy to Gray
13.0 Max
7.0 – 9.0
1400 – 3300
7.0 – 16.0
20 Max
2.0 Max
100 Max
100 Max

METHOD

Visual
Visual
422AN3053
422AN3409
422AN3410
421AN3077
421AN5137
421AN5137
250AN9001
250AN9003

TYPICAL PROPERTIES

Solubility
Compatible with
Stable over a wide pH range

Soluble in Water
Non-Ionic, Anionic, and Amphoteric Surfactants

STANDARD APPLICATIONS

RHEOZAN® SH: Hetero-polysaccharide produced by pure fermentation of *Agrobacterium tumefaciens*, purified by recovery with isopropanol, dried and milled.

Thickening and stabilizing hydrocolloid giving aqueous solution of high viscosity and high yield value even at low concentrations, not affected by temperature.

Pseudo-plastic non thixotropic behavior.

This grade cannot be used in pharmaceutical applications.

RHEOZAN® SH is recommended for thickening and stabilization of personal care and cosmetic formulations particularly waterbased compositions and oil-in-water emulsion systems. It can be used by itself or in combination with other natural and synthetic polymers. RHEOZAN® SH imparts a smooth and non-tacky after-feel highly desired in leave-on skin care formulations.

STANDARD PACKAGING

RHEOZAN® SH is available in 55.11 LB. Bags. Alternative package sizes may be available upon request.

SHELF LIFE

RHEOZAN® SH has a shelf life of 730 days.

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