

Technical Data Sheet

Eastman BioSustane™ SAIB

Applications

- Pharmaceutical excipients

Key Attributes

- Amorphous
- Bio-adhesive properties
- Colorless
- Non-polymeric
- Soluble in many organic solvents
- Water insoluble
- Wide compatibility

Product Description

Eastman BioSustane™ SAIB, pharma grade (sucrose acetate isobutyrate) is a high viscosity liquid depot for extended drug delivery in enteral, parenteral, and topical applications. It is an odorless, colorless, viscous liquid produced by the controlled esterification of natural sugar (sucrose) with acetic and isobutyric anhydrides and highly purified by distillation.

Typical Properties

Property	Typical Value, Units
General	
Molar mass	832-856 g/mol
Density @ 25°C	1.15 g/mL
Flash Point Cleveland Open Cup	260 °C (500 °F)
Solubility in Water	0.1 wt %
Refractive index, n (40, D)	1.449-1.450
Hydrolysis stability ^a	0.3 % wt loss
Viscosity, Brookfield @ 100°C	105 cP, approx.
@ 30°C	100,00 cP, approx.

^aRefluxed in water for 96 hours.

Comments

Hazards, ingredients, first aid, firefighting method, accidental release measures, exposure, personal protection, storage / handling, physical and chemical properties are all on SDS.

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

Eastman and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability or fitness of any product, and nothing herein waives any of the Seller's conditions of sale.

© 2019 Eastman Chemical Company or its subsidiaries. All rights reserved. As used herein, ® denotes registered trademark status in the U.S. only.