

Technical Data Sheet

Eastman Sustane™ SAIB (Sucrose Acetate Isobutyrate), Food Grade, Kosher

Chemical Synonym

INCI: Sucrose Acetate Isobutyrate

Applications

- Beverage ingredients
- Food flavors & food fragrances
- Food ingredients
- General industrial coatings
- Graphic arts
- Other-food chemicals
- Personal care ingredients
- Weighting agent

Product Description

Eastman Sustane™ SAIB (Sucrose Acetate Isobutyrate), Food Grade, Kosher is a high purity distilled product that is odorless and tasteless at levels used in beverages. A stable, viscous liquid, it is used primarily in citrus beverages as a weighting agent or flavor emulsion stabilizer to prevent separation of essential citrus oils. It is also used as a fragrance fixative and to provide transfer resistance in lipstick. Eastman Sustane™ SAIB (Sucrose Acetate Isobutyrate), Food Grade, Kosher is produced by the controlled esterification of natural sugar (sucrose) with acetic and isobutyric anhydrides and is provided as a kosher product by Eastman Chemical Company.

Typical Properties

Property	Test Method	Typical Value, Units
General		
Form		Viscous liquid
Refractive Index		1.454 n(20°C/D)
Density		
@ 25°C		1.146 kg/L
Flash Point		
Cleveland Open Cup		260 °C (500 °F)
Decomposition Temperature		288 °C (550 °F)
Viscosity, Brookfield		
@ 100°C		105 cP, approx.
@ 160°C		16 cP, approx.
@ 30°C		100000 cP, approx.
Acid Number (mg KOH/g)		0.2 max.
Color		
Pt-Co	D 1209	200 max.

Comments

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.

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12/16/2020 8:53:15 PM

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