

## VESTINOL® INB

CAS-No 670241-72-2

### Appearance

Clear, without any visible impurities

### Chemical name

Benzoic acid isononyl ester, Isononyl benzoate

### Application

- Fast fusing plasticiser with low viscosity for use with PVC, PAMA, PVB etc.
- Preferred use in plastisols
- Plasticising / coalescing agent for paints, inks, coatings, adhesives

### Properties

VESTINOL® INB is a plasticiser based on benzoic acid. The unique combination of low plastisol viscosity, combined with fast fusion properties make this an ideal plasticiser for chemical foamed flooring applications.

Labelling requirements:

Hazardous to the aquatic environment, chronic category 2, H411 - Toxic to aquatic life with long lasting effects. The product is classified according to dangerous goods regulations (UN-No. 3082 , Class 9 , Packaging Group III).

### Specification

Property	Value	Unit	Method
Colour (APHA, HAZEN)	max. 40	mg Pt/l	DIN EN ISO 6271 / ASTM D 1209
Density, 20 °C	0.955 – 0.963	g/ml	DIN 51 757 / ASTM D 4052
Refractive index, 20 °C	1.488 – 1.494	–	DIN 51 423/2 / ASTM D 1045
Acid number	max. 0.07	mg KOH/g	DIN EN ISO 2114 / ASTM D 1045
Water content	max. 0.1	% (m/m)	DIN 51 777 / ASTM E 203
Ester content	min. 99.7	% (m/m)	Evonik, GC

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Product Information

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### Physical data (Literature data)

Property	Value (ca.)	Unit	Method
Molar mass	248	g/mol	–
Dynamic viscosity 20 °C	8.4	mPa s	DIN 53 015 / ASTM D 445
Flash point	161	°C	DIN EN ISO 2719
Ignition temperature	370	°C	DIN 51 794 / ASTM E 659
Vapour pressure, 20 °C	0.00024	hPa	OECD Testing Guideline 104, vapour pressure balance
Pourpoint	< -60	°C	DIN ISO 3016
Solution temperature *	128	°C	DIN 54 408, modified

\* measured with microsuspension PVC, K-value 82

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