
PRODUCT DATA BULLETIN

Description and Typical Applications

INDULIN SBT is a complex reaction product specifically formulated for CSS emulsions. It is designed to perform in a wide variety of applications including slow set slurry surfacing, tack coat, fog seal, and solventless cold mix applications such as recycling and base stabilization.

INDULIN SBT produces an emulsion with the following characteristics:

- Good mixing and coating of reactive aggregates
- Good adhesion to a variety of aggregate mineralogies
- Can be used with graded or ungraded aggregates
- Passes cement mix test
- Stability upon dilution

Typical Properties

Physical form	Brown liquid
Boiling point, °C (°F)	100 (212)
Density, lb/gal, 25°C (77°F)	9.05
pH, 15% aqueous, w/v, 25°C (77°F)	10-11
Solids, %	60
Specific gravity, 25°C (77°F)	1.085
Viscosity, cps, 25°C (77°F)	1,500-2,000

Use of INDULIN SBT

Typical Formulation by Weight

1. Cold Mix Emulsion: 1.5-2.0% INDULIN SBT by weight (based on total emulsion). Adjust to pH 2.0-2.5 with HCl.
2. Slurry Seal Emulsion: 1.3%-1.8% INDULIN SBT by weight (based on total emulsion). Adjust to pH 2.0-2.5 with HCl.
3. Slurry Seal Set Retarder: Dilute 1 part INDULIN SBT with 9 parts water. Meter 0.5-1.5% of the solution through liquid additive system.
4. Tack Coat or Fog Seal Emulsion: 1.0-1.2% INDULIN SBT (based on total emulsion). Adjust to pH 2.0-2.5 with HCl.

Storage

INDULIN SBT is typically stored at ambient temperatures 20-25°C (68-77°F) but it should **not** be exposed to temperatures in excess of 60°C (140°F) for prolonged periods. Mild heating to 40-50°C (104-122°F) may be used to facilitate pumping. If INDULIN SBT will be stored for several months or longer, it may need to be agitated to ensure the product is homogeneous before use.

MeadWestvaco Corporation

Asphalt Innovations
PO Box 118005
Charleston, SC 29423-8005
Tel: +1 843 740 2236 or +1 800 458 4034
Fax: +1 843 740 2147
Email: asphalt.innovations@meadwestvaco.com
Website: <http://www.asphalt-innovations.com>
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Safety: Always refer to the Material Safety Data Sheet for detailed information on shipping, handling, storage, and use.

Important: The information provided herein is believed to be accurate and reliable, but is presented without guarantee on the part of MeadWestvaco Corporation. Further, nothing contained herein shall be taken as an inducement to violate any patent rights.

Shipping

Freight Classification:

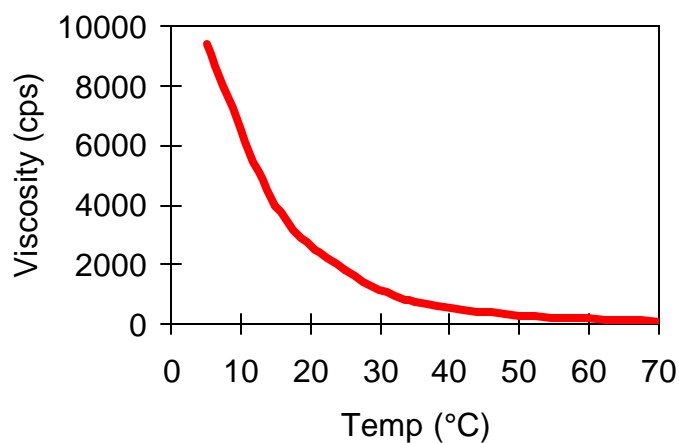
Availability:

Shipping Point:

Stabilizers or Emulsifiers, Water Soluble, NEC

Tank car, tank truck, 55-gal. non-returnable metal drums [475-lb.
(215.5-kg.) net weight]

Charleston, South Carolina, USA

Viscosity Curve**INDULIN SBT**

CAS Registry No.: Components listed in TSCA Inventory

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PO Box 118005

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Tel: +1 843 740 2236 or +1 800 458 4034 Fax: +1 843 740 2147

E-mail: asphalt.innovations@meadwestvaco.com