

PRODUCT DATA BULLETIN

Description and Typical Applications

INDULIN ISE is a complex reaction product specifically formulated for anionic slow-set emulsions. This product is completely soluble in water.

INDULIN ISE key application areas are:

- Industrial coatings
- Slurry sealing
- Seal coating

INDULIN ISE produces an emulsion that has the following performance characteristics:

- Readily accepts mineral fines or other admixtures used in industrial coating applications
- Compatibility with a variety of aggregates in slurry seal applications
- Passes the cement mix test
- Stability upon dilution
- Excellent long-term storage stability

Typical Properties

Physical form	Dark brown liquid
Boiling point, °C (°F)	>100 (212)
Density, lb/gal, 25°C (77°F)	9.59
pH (15% aqueous solution), w/v, 25°C (77°F)	10.3
Solids, %	50.0
Specific gravity, 25°C (77°F)	1.15

Use of INDULIN ISE

Typical Formulation by Weight

3.0%-4.0% INDULIN ISE by weight (based on total emulsion), pH 9.5-11.5

Secondary Formulation

3.0% INDULIN ISE, 0.5% INDULIN C, pH 10.0-11.5

The pH can be adjusted downward with hydrochloric acid to enhance the cement mix results.

Note: Due to the long-term storage of many industrial emulsions, it is recommended that a biocide be incorporated into the formulation.

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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.

Storage

INDULIN ISE is typically stored at ambient temperatures, 20-25°C (68-77°F). The product may be elevated in temperature to facilitate pumping, but it should **not** be stored at or heated to temperatures in excess of 60°C (140°F) for a prolonged period.

Shipping

Freight Classification

Stabilizers or emulsifiers, water soluble, n.e.c.

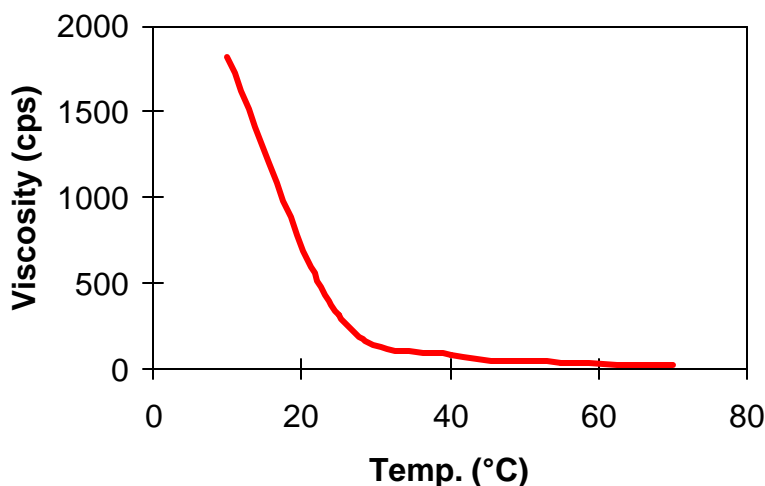
Availability

Tank car, tank truck, 55-gal. non-returnable metal drums [510-lb. (231.3-kg.) net weight]

Shipping Point

Charleston, SC, USA

Viscosity Curve

**INDULIN ISE**

CAS Registry No.: Components listed in TSCA Inventory

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