

PRODUCT DATA BULLETIN

Description and Typical Applications

INDULIN W-5 can be used to produce either a cationic or anionic slow-setting asphalt emulsion. It is an easy-to-handle water soluble emulsifier. INDULIN W-5 can be used as a primary emulsifier, stabilizer, and retarder in various other mixing-grade emulsions.

INDULIN W-5 produces an emulsion with the following characteristics:

- Good mixing
- Good adhesion
- Passes cement mix test
- Stability upon dilution

Typical Properties

Physical form	Brown liquid
Density, lb/gal, 25°C (77°F)	9.1
pH, 15% aqueous, w/v, 25°C	11.9
Solids, %	40.0
Specific gravity, 25°C (77°F)	1.090
Viscosity, cps, 25°C (77°F)	1180

Use of INDULIN W-5

<u>Typical Formulation by Weight</u>	<u>CSS-1</u>	<u>SS-1</u>
Asphalt, %	63.0	63.0
INDULIN W-5, %	2.0-2.5	2.0-2.5
Water, %	to 100.0	to 100.0
Hydrochloric acid	to pH 1.5-2.5	n/a

Note: INDULIN W-5 should be added to warm water. INDULIN W-5 dosage can be varied (2.0%-2.5%) depending on end-use requirements.

Storage

INDULIN W-5 is typically stored at temperatures of 38-50°C (100-122°F), but INDULIN W-5 should not be exposed to temperatures in excess of 60°C (140°F) for prolonged periods. Agitation and/or recirculation prior to use of the material is also recommended.

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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

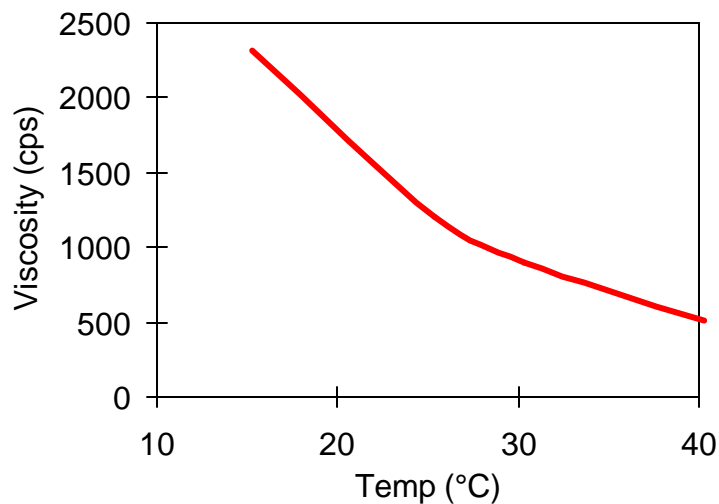
Availability

Shipping Point

Lignin liquor

Tank car, tank truck, 55-gal. non-returnable metal drums [500-lb. (226.8-kg.) net weight]

Charleston, South Carolina, USA and Antwerp, Belgium

Viscosity Curve**INDULIN W-5**

CAS Registry No.: Components listed in TSCA Inventory

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