

PRODUCT DATA BULLETIN

Description and Typical Applications

INDULIN AMS is a tall oil-based imidazoline micro-surfacing emulsifier designed for cold-temperature applications and/or unreactive aggregates.

Characteristics

- Accelerated set and cure in cold weather
- Controllable mixing
- Excellent compatibility with a wide variety of latexes

Typical Properties

Physical form	Amber liquid
Boiling point, °C	>100
Density, lb/gal, 25°C	7.709
Flash point, °C	>150
pH at 25°C, 15% aqueous	11.95
Solids, %	100
Specific gravity, g/ml, 25°C	0.925
Viscosity, cps, 25°C	1,600

Use of INDULIN AMS

Typical Formulation by Weight

INDULIN AMS, %	1.0-1.5% (Based on total weight of the emulsion)
Latex	3.0-4.0% (Based on total weight of the emulsion)
pH	1 - 2.5 (Adjusted with HCl)

For soap preparation using anionic latex, please review [MeadWestvaco Asphalt Technical Manual](#), "Emulsion Manufacturing & Troubleshooting."

Storage

INDULIN AMS should be stored at ambient temperatures between 30-50°C under an inert atmosphere. Avoid prolonged exposure to moisture or carbon dioxide which reduces the product's activity.

Shipping

Freight Classification	Corrosive liquid, n.o.s.
Availability	Tank car, tank truck, 55-gal. non-returnable metal drums [400-lb. (181.4-kg.) net weight]
Shipping Point	Charleston, South Carolina, USA

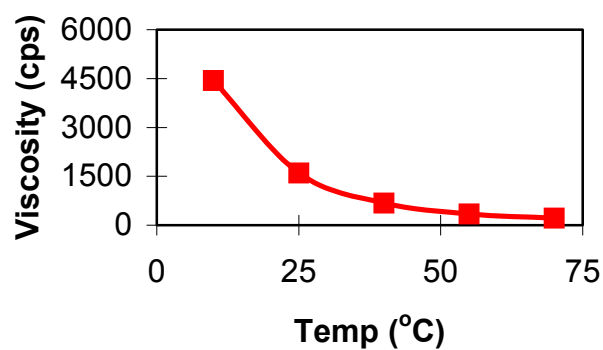
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Safety: Always refer to the Material Safety Data Sheet for detailed information on shipping, handling, storage, and use.

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.

Viscosity Curve



INDULIN AMS

CAS Registry No.: Components listed in TSCA Inventory

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