

Technical Bulletin

T-MAZ[®] 20 POE(20) SORBITAN MONOLAURATE

T-MAZ 20 is a sorbitan monolaurate that has been ethoxylated with approximately 20 moles of ethylene oxide to give a water soluble, oil and water emulsifier. This product is one of a group of ethoxylated sorbitan fatty acid esters, which are often referred to as Polysorbates. This surfactant is a mixture of partial esters of sorbitol and its anhydrides made from fatty acids, primarily lauric, which is then reacted with ethylene oxide to make it hydrophilic in nature.

Applications:

T-MAZ 20 can be used as a solubilizer and emulsifier of oils and fragrances, as a wetting agent, viscosity modifier, anti-stat, stabilizer and dispersing agent. Typical applications are found in baby shampoos because of very low eye irritation, cosmetics and toiletries and ointments. T-MAZ surfactants can also be used in the textile and metalworking industries.

Shelf Life:

BASF will endorse the results on the certificate of analysis for a period of up to one year from the date of manufacture for material in original, unopened, properly stored containers. Beyond one year, we recommend the quality of the material be confirmed prior to use, by retesting the certificate of analysis parameters.

Please refer to the Material Safety Data Sheet (MSDS) for this product for instructions on safe and proper handling and disposal.

T-MAZ is a registered trademark of BASF Corporation

For More Information

Order Placement

To place orders for delivery in the United States please call our toll free number (800) 443-6460. To place orders for delivery in Canada please call BASF Canada at (800) 267-2935.

For Other Information

Including product literature and Material Safety Data Sheets please call (847) 249-6750.

Or Visit Our Website At:

www.performance.basf-corp.com

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Specifications	
Acid Value, mg KOH/g.....	2.2 Max.
Saponification Value, mg KOH/g.....	40.0 – 50.0
Hydroxyl Value, mg KOH/g.....	96.0 – 108.0
Water, %.....	3.0 Max.
Appearance @ 25 °C.....	Clear Yellow Liquid
1,4 Dioxane, ppm.....	10.0 Max.

Typical physical properties	
POE Content.....	20
Form @ 25 °C.....	Liquid
Color, Gardner.....	3
HLB Value.....	16.7
Flashpoint, PMCC, °F.....	>350
Boiling Point, °F.....	>300
Solubility in Water @ 25 °C.....	Soluble
Specific Gravity @ 25 °C.....	1.10

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