Technical Data Sheet



ZENESTER[®] ME

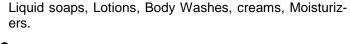
Zenester[®] ME is a high molecular weight (25,000) polymeric silicone polyester made from the reaction of a dimethicone copolyol and a dimer acid. It is a product that forms a spontaneous micro-emulsion in water, is highly lubricious, and provides superb skin feel when delivered from aqueous systems. Zenester[®] ME is non-ionic and is compatible with oil/water and water/oil systems, as well as anionic systems, thereby providing the ability to formulate with greater latitude. Zenester[®] ME is water dispersible extremely suitable for sun and skin care applications.

TYPICAL PROPERTIES SOLUBILITY AND COMPATIBILITY (Zenester[®] ME @ 10% & Solvent @ 90%) Appearance at 25 °C: **Clear Liquid** 50 °C 25 °C Solvent Colour (Gardner): 6 Max MICROEMULSION Water MICROEMULSION Acid Value (*ml* KOH/g): 30 Max Glycerin (96%) DISPERSIBLE DISPERSIBLE DC200 DISPERSIBLE DISPERSIBLE Viscosity at 25 °C 200 to 1,000 cPs **Propylene Glycol** DISPERSIBLE DISPERSIBLE DISPERSIBLE Mineral Oil DISPERSIBLE GLOBAL DESIGNATIONS Isopropyl Myristate **INSOLUBLE** INSOLUBLE Adopted INCI Name: **INSOLUBLE** INSOLUBLE Cyclomethicone Bis-PEG-10 Dimethicone/Dimer Dilinoleic Acid Copolymer. **Octyl Palmitate** DISPERSIBLE DISPERSIBLE 841251-40-9 CAS Reg. No.: Safflower Oil DISPERSIBLE DISPERSIBLE EINECS: Polymer Exempt Ethanol (95%) SOLUBLE SOLUBLE ECOCERT: N/A Euthanol G SOLUBLE SOLUBLE Canada (DSL): Pending Castor Oil DISPERSIBLE DISPERSIBLE China (IECSC): Pending Australia (AICS): Pending APPLICATIONS Korea (ECL): Pending Pending Japan (ENCS):

STORAGE AND PACKAGING

Zenester[®] ME has a normal shelf life of 36 months when stored in sealed unopened containers in a cool dry location at temperatures between 15°C and 25°C.

Zenester[®] ME is available in 16 kg pails and 95 kg drums.



Sun Care:

Skin Care:

Spray on Creams and Sunscreen lotions. Balms.

Hair Care:

Moisturizing Hair creams, Conditioners for badly damaged hair.

Typical Use Levels: 0.25 to 4.00 %



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Zenitech[®], division of TC USA Inc.

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