

TECHNICAL BULLETIN

DERMOTHIX 100

Chemical Name: PEG-100 Stearyl Ether Dimer IPDI
INCI Name: Disteareth-100 IPDI
CA Index Name: Poly(oxy-1,2-Ethanediy), Alpha-Hydro-, Omega-,
(Octadecyloxy)-, Ester with [3-[(Carboxyamino)Methyl]-3,5,5-
Trimethylcyclohexyl]Carbamic Acid
CAS Number: 53533-75-8
EINECS: Polymer

SPECIFICATIONS:

Appearance	Waxy Solid
Color	Off-White to Cream
Odor	Mild
Ionic Nature	Nonionic
Non-Volatile, %	100
Molecular Wt	9300
Melting Point, °C	52
pH 1.0% Solution	7.0

SOLUBILITY: Soluble in water, glycerol, glycols, polyols and alcohols.

SUGGESTED APPLICATIONS:

Dermothix-100, a water soluble urethane, is a nonionic thickener and rheology modifier used as a replacement for alkanolamides in liquid detergents, shampoos and shower gels. Since Dermothix-100 is nonionic, it is compatible with all types of surfactants. It offers slip to both skin and hair products. Dermothix-100 can also be used as a clarifier in sodium stearate soaps and in anti-perspirant sticks where it imparts body and firmness and prevents whitening.

This information is believed to be reliable, but it is not to be construed as a warranty and no patent liability is assumed.