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TECHNICAL BULLETIN

HETESTER PHA

Chemical Name: PPG-1 PEG-3 Isocetyl Acetate

CFTA/INCI Name: Propylene Glycol Isoceteth-3 Acetate

CAS Number: 93385-13-8

EINECS Number: 1201.25A (Polymer)

SPECIFICATIONS:

Appearance @ 25°C Clear White/Pale Yellow Liquid

Color, Gardner

Acid Value

Saponification Value

Moisture

Hydroxyl Value

10 Maximum

10 Maximum

10 Maximum

10 Maximum

PH 5% in 50/50 IPA/H₂O @ 25° C 3.5 – 7.0

SOLUBILITIES (5% Conc. @ 25°C):

Water Self-Emulsifying

95% Ethanol Soluble
Most Cosmetic Oils Soluble

SUGGESTED USES:

Hetester PHA is a self-emulsifying emollient when used between 5 and 15% w/w and can easily emulsify twice its weight in oil to prepare oil in water emulsions at 20°C.

Because of its "blooming" property, this ester is easily incorporated into all types of water or oil in water systems. This material is an emulsifier and emollient in one and can be used as the main emollient when an oil free emulsion is desired.

Hetester PHA is an excellent pigment wetter and disperser and is indicated for use in a myriad of pigmented products.

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