

# ALZO INTERNATIONAL INC.

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## TECHNICAL BULLETIN

### Hetester HCP

Chemical Name: PPG-3 Hydrogenated Castor Oil  
CTFA/INCI Name: PPG-3 Hydrogenated Castor Oil  
CAS Number: 8001-78-3  
EINECS Number: 2322922

#### SPECIFICATIONS (Tentative):

Appearance	Clear Yellow Viscous Liquid
Color, Gardner	5 Maximum
Acid Value	5.0 Maximum
Saponification Value	140 – 150
Hydroxyl Value	130 – 145
Iodine Value	3.0 Maximum
pH (3%) in 50/50 IPA	5.0 – 7.0

#### SOLUBILITIES

Water	Dispersible
Propylene Glycol	Insoluble
Castor Oil	Soluble
Mineral Oil	Soluble
Safflower Oil	Soluble
Ethylhexyl Palmitate	Soluble
Oleyl Alcohol	Soluble
Ethyl Alcohol – SD 40 95%	Soluble

#### SUGGESTED APPLICATIONS:

Hetester HCP should be used in any cosmetic product where a light colored, liquid, saturated triglyceride with water dispersibility might be required. This compound will prove valuable in a myriad of lip, face, and skin products (in many cases to replace the unsaturated castor oils).

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