

ALZO INTERNATIONAL INC.

650 Jernee Mill Rd. – Sayreville, NJ 08872 - Tel: (732) 254-1901 - Fax: (732) 254-4423

TECHNICAL BULLETIN

Hetester FAO

Chemical Name : C₁₂₋₁₅ Alkyl 2-Ethylhexanoate
INCI Name : C₁₂₋₁₅ Alkyl 2-Ethylhexanoate
CAS Number : 90411-66-8
EINECS Number : 291-443-0

SPECIFICATIONS: (Tentative)

Appearance	Clear Yellow Liquid
Color (Gardner)	4 Maximum
Acid Value	0.5 Maximum
Saponification Value (Butanolic KOH, 1.5 Hr.)	138 – 152
Hydroxyl Value	20 Maximum
Moisture	0.5% Maximum
pH (5% 50/50 Isopropanol/Water)	6.5 – 7.5

SOLUBILITIES:

(5% Conc. @ 25°C)

<u>Soluble</u>	<u>Insoluble</u>
Corn Oil, Mineral Oil	Propylene Glycol
Safflower Oil	Water
Ethylhexyl Palmitate	
Oleyl Alcohol	
Ethyl Alcohol – SD 40 95%	

SUGGESTED APPLICATIONS:

Its use in both skin and hair treatment as well as make-up products will be obvious to the formulator, since this material has its own unique surface property. It can easily alter the skin feel and viscosity of any emulsified emollient system. In other words, it should be used to make an oily feel less oily or a thick emulsion thinner or a hard stick softer. Since this branch chained ester is so difficult to saponify, it should be very stable in the presence of electrolytes and thus a valuable component for anti-perspirant and other salt containing formulations. **Hetester FAO** should be used between 2 and 10%.

The information contained herein has been carefully checked and evaluated. It is believed to be reliable, but no guarantee is made or liability assumed.

Bulletin #0643

