



Activemol EH-25

INCI Name: C₁₂₋₁₅ Alkyl Ethylhexanoate

CAS No.: 90411-66-8 EINECS No.: 291-443-0

Activemol EH-25

Activemol EH-25 is an octanoate ester of C₁₂₋₁₅ alcohol. This nongreasy, hydrophobic ester delivers a uniquely dry emolliency to skin. Its unique dry down and satiny after-feel lends its use as a skin conditioner in hand and body as well as facial products. Additionally, Activemol EH-25 demonstrates low toxicological scores on skin and eye making it safe to use in all types of skin care formulations.

The low odour quality and high oil and alcohol solubility of Activemol EH-25 make it perfectly suitable for use in fine fragrance products such as aftershave conditioners and dry fragrance oil sprays.

Applications

Due to the unique skin feel and low odour quality Activemol EH-25 is useful in a wide range of skin care applications. Some suggested formulations include added emolliency in skin care products, as a skin conditioner in hydro-alcoholic and non-alcoholic aftershave balms, and as a fragrance carrier in bath oils and fine fragrance oil sprays.

Product Specification @ 25°C (Not intended for use in preparing specifications)

Appearance	Clear, colourless to pale yellow liquid
Odour	Very mild
Colour, Gardner	<1
Acidity, mg KOH/g	<0.10
Moisture	<0.10%
Saponification value, mg KOH/g	160 – 170
Hydroxyl value	10 – 15
Boiling point	>290°C
Freezing point	<-20°C
Refractive index	1.442
Viscosity, cps	27
Specific gravity	0.850
Surface tension @ 15°C	32.0 dynes/cm

Typical Formulations

Dry oil pump spray 98-4-1		
Components	% by weight	
Activemol EH-25	80.00	
SD alcohol 39C	10.00	
Fragrance	10.00	
Emollient bath oil 98-5-1		
Components	% by weight	
Activemol EH-25	93.00	
Sesame oil	3.00	
Avocado oil	1.00	
Fragrance	3.00	
Water dispersible bath oil		
Components	% by weight	
PEG-40 Sorbitan Peroleate	3.00	
Emollient bath oil 98-5-1	97.00	
Emollient hydro-alcoholic aftershave splash		
	% by weight	
Components	98-3-1	98-3-2
SD alcohol 39C	75.00	77.00
Activemol EH-25	10.00	10.00
Fragrance	5.00	3.00
Water	10.00	10.00



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