

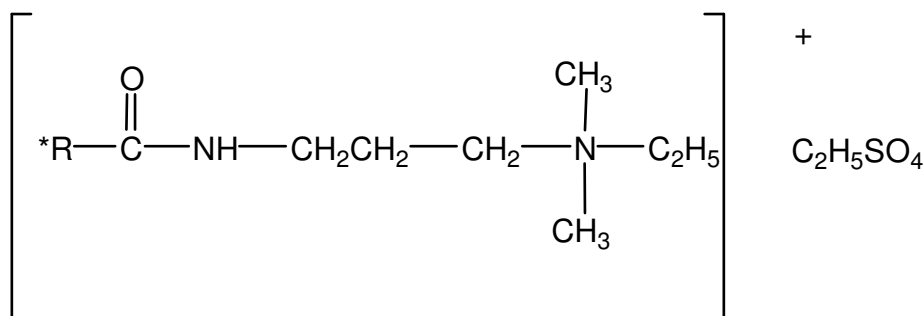
## **CATEMOL<sup>®</sup> I 18 ES**

(INCI: Isostearamidopropyl Ethyldimonium Ethosulfate)

**CATEMOL<sup>®</sup> I 18 ES** is an amido-amine quaternary containing a vegetable derived isostearyl alkyl moiety. The branched isostearyl group results in improved product liquidity without sacrificing substantivity to hair. **CATEMOL<sup>®</sup> I 18 ES** exhibits improved water solubility over straight chain alkyl quaternaries. It also functions as an anti-static agent and an oil emulsifier.

**CATEMOL<sup>®</sup> I 18 ES** is suitable for use in either rinse out or leave-in hair conditioners at a level of 2-5%.

**CATEMOL<sup>®</sup> I 18 ES** conforms to the following structure:



Trade Name	<b>Catemol<sup>®</sup> I 18 ES</b>
INCI	Isostearamidopropyl Ethyldimonium Ethosulfate
CAS #	67633-63-0
EINECS	266-778-0

### **SPECIFICATIONS**

Appearance @ 25°C	Clear Slightly Viscous Liquid
Odor	Mild
Color	Dark Amber
Non-Volatiles (%)	85 Min.
Amine Value (%)	1.0 Max.

## SOLUBILITY

Water	m
Propylene Glycol	m
Ethanol 200 Proof	m
Mineral Oil	i
Isododecane	i
Isopropyl Myristate	i
Castor Oil	m (w)
Cyclomethicone	i
Dimethicone	i
Isononyl Isononanoate	i
Pentaerythrityl Tetraethylhexanoate	i

i=insoluble    m=miscible (all%*s*)    w=warm (50° C)

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7/2/09  
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