



Activonol-8

MULTI FUNCTIONAL GLYCOL, ANTI-MICROBIAL INGREDIENT

- Excellent Anti-microbial Ingredient
- Moisturizer and Refatting Effect
- Viscosity Control and Wetting Agent



Abstract **Excellent Anti-microbial Ingredient**

Activonol-8 is a multifunctional cosmetic ingredient with broad and balanced spectrum of effect against bacteria and fungi. Activonol-8 is stable to temperature and pH restrictions. It has a good anti-microbial effect by itself and excellent synergistic effect combined with other glycols and preservatives. Activonol-8 functions as skin/hair conditioning agent and viscosity control agent in cosmetic and personal care products.

Technical Information

INCI Name	Caprylyl Glycol
Technical / Other name	1,2-Octanediol
CAS No.	117-86-8
Appearance	White solid, Clear colorless liquid (30 °C)
Aspect	Characteristic Odor
Solubility	Slightly water soluble, Soluble in glycols
Recommended dosage	0.1 ~ 1.0 %

Skin Safety **Human Skin Patch Test**

: Activonol-8 under the single application patch test for 48 hour to female adult subjects can be considered no irritant.

Test Sample	Concentration	Result
Activonol-8	0.5 %	No irritant

(IECK-16-K169048)

Anti-microbial effect

MIC test (CTFA method)

: Activonol-8 showed an excellent anti-microbial effect.

Microorganism	Activonol-8 (%)			
	E. coli	P. aeruginosa	S. aureus	C. albicans
MIC (%) for	0.6	1.5	0.6	0.3