C-191

GEL HAND SANITIZER

WITH ETHANOL

GUIDELINE FORMULARY

DESCRIPTION

Gel form easier to apply
Re-moisturizing effect of LEVENOL® H&B

COMPOSITION	% w/w
LEVENOL® H&B	**2.0**
TETRANYL® U	**1.0**
Ethanol	70.0
Hydroxypropylcellulose(1)	1.25
Deionized water	Up to 100

(1) Klucel™ H CS from Ashland

TECHNICAL CHARACTERISTICS		Kao Method
APPEARANCE (20°C):	Slightly hazy viscous liquid	KCSA-258
pH (as it is):	Approx. 6.3	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Approx. 7,700	KCSA-227
STABILITY TEST:	Correct	(1 month 40°C/RT/5°C)

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RECOMENDED OPERATIVE METHOD

Disperse the polymer in the water.
Add Ethanol.
Add LEVENOL® H&B and TETRANYL® U.
Adjust pH.

COMPONENTS

LEVENOL® H&B (Glycereth-2 Cocoate, ≈ 100% a.m.): non-ionic character. Extra-mild surfactant, with emulsifying properties. Skin emollient and moisturizing agent. Foam booster and thickening agent. Ecological product. It doesn't need any risk or safety warnings on its label. In hair rinse application increases the conditioning effect of the cationic component, giving smoothness. % of use in Hair Rinse = between 0.1 - 2%.

TETRANYL® U (Undecylenamidopropyltrimonium Methosulfate, ≈ 50% a.m.): cationic character. Main functions are Antimicrobial, Antistatic and Conditioning. Water soluble at room temperature. Compatible with other surfactants.

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