

C-289

HAND LIQUID SOAP

GUIDELINE FORMULARY

DESCRIPTION

Mild and natural-plant derived cleanser
Healthful clean feeling
Characteristic feeling, moisturizes and no tightness
Moderate wash off feeling with short period of rinsing

COMPOSITION

	%
ICTEOL® K-50	30.0
Glycerine	2.0
Propylen Glycol	2.0
Preservative	q.s.
Deionized Water	Up to 100

TECHNICAL CHARACTERISTICS

Kao Method

APPEARANCE (20°C):	Clear amber liquid	KCSA-258
pH (as it is):	Approx. 9.5	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Approx. 6,000	KCSA-227
DRY MATTER (%):	Approx. 18.5	KCSA-092
ACTIVE MATTER (%):	Approx. 12.8	KCSA-130
STABILITY TEST:	Correct	(1 month 40°C/RT/5°C)

RECOMMENDED OPERATIVE METHOD

Add to the deionized water each one of the components in the above-mentioned order and stir after each addition.

Add the other additives: preservative (soluble), fragrance (15 minutes of agitation are usually needed to solubilize it), dyes (diluted in water) and other (extracts, etc.).

Adjust pH (it is recommend to use citric or lactic acids to decrease it and diluted sodium hydroxide if an increase is necessary).

Viscosity can be adjusted by changing the content of Glycerin and Propylene Glycol. Also KCl can be used to adjust viscosity.

COMPONENTS

ICTEOL® K-50-E (Potassium Oleate, ≈ 50% a.m.): anionic character. Vegetal origin, provides foamy cream and leaves a calm and soft effect to the skin.

The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose.

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