



HYGIENE

EU07743 | MOISTURIZING HYDROALCOHOLIC GEL



Hand sanitizer
~72% v/v ethanol**
Moisturizing



A	Water Glycerin Alcohol	Up to 100% 3.00% 32.50%
B	SEPIMAX ZEN™	0.50%
C	Alcohol	32.50%

Clear Gel / Packaging: Pump

pH: 6.1 / VISCOSITIES: M1 at RT: 7298 mPa.s S3S6.

STABILITY: M3 at RT

FORMULATION ADVICES / Laboratory scale - 300g - Defloculator

Combine Phase A ingredients and mix to get a clear solution.
Add phase B under the defloculator at 1000 rpm then increase speed to 1500 rpm and continue to mix until uniform gel is formed. Add phase C while mixing at 1500 rpm, continue mixing to get a clear gel.



COLD PROCESS



This gel disinfects hands while moisturizing* them.

SEPIMAX ZEN™ (Polyacrylate Crosspolymer-6)

Pre-neutralized powder polymeric thickener with a MAXIMUM resistance to electrolytes thanks to its high associative behavior. Efficient on a wide range of pH from 3 to 8, it is able to formulate transparent aqueous gels. SEPIMAX ZEN™ allows **to thicken and texturize gels with high dosage of alcohol**, ideal for hand sanitizer. It also imparts rich, velvet and elegant skin feel.

*This formula provides significantly superior hydrating effect (corneometer measurement on 20 volunteers) 30 minutes after application, compared to an aqueous gel formulated with a benchmark polymer.

**In this formula, % ethanol is given in %w/w. It corresponds with 72% v/v (measured).
Conformity with standard NF EN 14476 is not verified.

ADDITIONAL INGREDIENTS: Glycerin - PRICERINE 9091 (KARRY) / Alcohol (absolute alcohol)

More informations available on seppic.com

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Air Liquide
HEALTHCARE