



HYGIENE

AS40067A | TEXTURIZED HAND SANITIZER



Hand sanitizer

~74.4% v/v ethanol*

Moisturizing

GS200701 - 2002

A	Aqua/Water Glycerin Alcohol	Up to 100% 3.00% 66.00%
B	SEPIMAX ZEN™	0.80%
C	AQUAXYL™	1.00%

With WESOURCE

Clear Gel / Packaging: Pump

pH: 6.5 / VISCOSITIES: M1 at RT: 8 900 mPa.s Brookfield LV2-6 /

Recovery at RT (after 1M at 45°C): 8 700 mPa.s Brookfield LV2-6.

STABILITY: M1 at RT, 45°C, cycles -5°C/+40°C.

FORMULATION ADVICES / Weigh the phase A and phase B. Disperse phase B to phase A and stir at 800 - 1000 rpm with deflocculator for 30 minutes or until uniform. Add phase C to phase A+B, stir with anchor at 150 rpm for 10 minutes. Use rotor-stator homogenizer to make a homogeneous gel if necessary.



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.

AQUAXYL™ (Xylitylglucoside and Anhydroxylitol and Xylitol)

moisturizes and restructures the skin by harmonizing the hydric flow of the skin. Water reserves are instantly boosted, water circulation is improved in all skin layers and **water loss is reduced** (in vitro and in vivo tests prove this efficacy).

* In this formula, % ethanol is given in %w/w.

It corresponds with **74.4% v/v** (measured).

Conformity with standard NF EN 14476 is not verified.

ADDITIONAL INGREDIENTS: Glycerine - PRICERINE 9091 (KARRY) / Alcohol - Absolute ALCOHOL (Guoyao)

More informations available on seppic.com

SEPPIC

All information contained herein is intended merely to demonstrate the utility of SEPPIC products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application. All information contained in this specific technical documentation is believed to be accurate and has been set up by SEPPIC according to its own described methods and processes. SEPPIC however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. SEPPIC customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status.

Air Liquide
HEALTH CARE