



HYGIENE

AS40067 | MOISTURIZING HAND SANITIZER



Hand sanitizer
with suspended beads
~76.2% v/v ethanol*
Moisturizing



A	Aqua/Water Glycerine Alcohol	Up to 100% 3.00% 68.00%
B	SEPIMAX ZEN™	0.80%
C	AQUAXYL™ PEG/PPG-16/7	1.00% 100%
D	Lactose, Cellulose, Hydroxypropyl Methylcellulose, Jojoba Esters, C.I.77289(US: Chromium Hydroxide Green), Tocopheryl Acetate, Ascorbyl Palmitate	0.30%

With WESOURCE

Clear gel with green beads/ Packaging: Clear bottle

pH: 6.0 / **VISCOSITIES:** **1M at RT:** 5,300 mPa.s Brookfield LV3-6 /

Recovery at RT (after 1M at 45°C): 5,200 mPa.s Brookfield LV3-6.

STABILITY: 1M at RT, 45°C, +18°C.

FORMULATION ADVICES: Laboratory scale - 300 g
-Rotor-stator

Weigh the phase A and phase B. Disperse phase B to phase A and stir at 800rpm with defloculator 30minutes until uniform. Add phase C to phase A+B, stirring with anchor at 150rpm for 10minutes. Add phase D. Keep on stirring for 2minutes till disperse well.



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 **particle suspension even with high dosage of alcohol**, ideal for hand sanitizer containing beads. 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 % m/m.**

Theoretical calculation of ethanol in our formula: **76.21% v/v** (in accordance with equivalence used in French JORF "Decree 20th March 2020)
Source: <https://www.legifrance.gouv.fr/eli/arrete/2020/3/20/TREP2008113A/jo/texte>

Conformity with standard NF EN 14476 is not verified.

ADDITIONAL INGREDIENTS: Glycerine - PRICERINE 9091 (KARRY) / Alcohol - ALCOHOL (96%) (ANTE) / PEG/PPG-16/7 - 75-H-450 (DOW) / Lactose, Cellulose, Hydroxypropyl Methylcellulose, Jojoba Esters, C.I.77289 (US: Chromium Hydroxide Green), Tocopheryl Acetate, Ascorbyl Palmitate - PUENSOME GREEN01 30/40 (PUEN)

More informations available on seppic.com

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Air Liquide
HEALTH CARE