

Take care of yourself & especially your hands!

Ingredients that inspire

## Essential gestures for hand washing



- **Surfactants or soap**
- **Alcohol for the nomadic mode:**  
Hydroalcoholic solution or gel

*Interests of gels*

- More convenient in travel and transport
- Less risks of eye projections for children
- handling, adhesion and touch enhanced by thickening and texturizing polymers

## Virucidal efficacy criteria for hydroalcoholic solution/gel



**Compliance with EN 14476 Determination of virucidal activity** (phase 2, step 1)

- 80% dilution
- 30 seconds contact time
- Clean Conditions
- Requirement : 4 log\* reduction

\* The product must demonstrate at least a log decimal (lg) reduction of 4 of the viral titre during the test. The effectiveness of the dilution of the disinfectant is assessed by calculating the reduction. Reduction is the difference between the infectivity titre obtained without exposure to the disinfectant and the infectivity titre obtained after exposure to the disinfectant at the specific contact time chosen.

**Responsible Component: > 65% ethanol/isopropanol**



**Base of hydroalcoholic gels**

- tested effectively according to EN 14476
- with 3 pharmaceutical polymers **SEPINEO™**

Aqua/Water  
**Absolute Ethanol**  
Glycerin  
**POLYMER**

Up to 100%  
**65% w/w**  
3.00%  
**x%**

Formula	Polymer dose <b>SEPINEO™</b>	Aspect of the polymer	Non enveloped virus		Enveloped virus as COVID-19	References of the tests Eurofins
			Adenovirus Type 5 Virus DNA not enveloped	Murine norovirus Virus RNA not enveloped	Modified vaccinia virus Ankara	
EU07634P	<b>1.6% SEPINEO™ D.E.R.M.</b> Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	Powder	✓	✓	✓	AAJ12900, AAJ14020
EU07636P	<b>0.8% SEPINEO™ PHD 100</b> Polyacrylate Crosspolymer-6	Powder	✓	✓	✓	AAJ14116, AAJ14022
EU07635P	<b>3.2% SEPINEO™ P 600</b> Acrylamide/Sodium Acryloyldimethyl Taurate Copolymer/Isohexadecane - Polysorbate 80	Liquid	✓	✓	✓	AAJ14041, AAJ13932

*Results*

**Seppic formulas of hydroalcoholic gels**

- Easy to formulate,
- Ready to use with virucidal tests  
→ Limited virucidal activity against non enveloped virus & virucidal activity against enveloped virus
- Textures optimized by **SEPINEO™** polymers

## Explicit labelling for the consumer

- Qualitative and quantitative composition of alcohol (% in volume or weight )
- EN 14476 Compliance
- Warning against risks of inflammation + sun exposure + skin reactions



## Continue to take care of our hands by optimizing these formulas

- Improving textures for a more frequent and pleasant use

Less greasy  
**MORE EMOLLIENCE**  
More hydration  
Non irritant  
Less greasy  
**Rapid drying**  
Less greasy  
More emollience  
NON IRRITANT  
GOOD SPREADING  
Less sticky  
More hydration  
**LESS GREASY**  
Rapid drying  
Non-stringy  
More emollience

**BE CREATIVE!**