



Happy hands hydrating hand sanitizer sanitizes and rehydrates your hands in a single product. Hydrovance, Nouryon's high efficacy humectant mitigates the drying effect of alcohol based hand sanitizers, leaving the skin feeling moisturised and fresh. Celquat SC-230M, does more than just thicken the formulation to leave a protective film on the skin to reduce alcohol irritation.

Happy Hands Hydrating Hand Sanitizer

Hydrovance® moisturizing agent

- High efficacy humectant provides rapid rehydration
- Long lasting moisturisation
- Pleasant tactile sensory properties
- Biodegradable, non-ionic, preservative free and non-irritating

Celquat® SC-230M polymer

- Naturally derived cationic polymer
- Capable of effective thickening without the need of neutralization
- Better clarity compared to other natural plant / starch based polymers
- Forms a smooth and comfortable film

Ingredient	%
Hydrovance	4.00
Celquat SC-230M	1.50

Please turn over for full formulation

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Formula

Trade name	INCI name	% w/w	Supplier
Celquat® SC-230M polymer	Polyquaternium-10	1.50	Nouryon
Deionized Water	Water (Aqua)	ad 100	
Alcohol	Alcohol	67.80	
Hydrovance® moisturizing agent	Hydroxyethyl Urea	4.00	Nouryon
Citroflex® 2	Triethyl Citrate	0.12	
Total		100.00	

Procedure

Add all the DI water contained in the formulation and half of the ethanol, mix well.

Slowly sift in the CELQUAT SC230M polymer and allow it to fully hydrate.

Once the polymer is fully hydrated, add the remainder of the ethanol and allow to mix until homogeneous.

Add the remaining ingredients and mix well

Dispense and pack