

Sanitizing Hand Soap (foamable)

	Ingredient	INCI	%
1	Isopropyl Methylphenol	O-CYMEN-5-OL	0.1
2	Alcohol	ALCOHOL	5.0
3	1,3-Butylene Glycol	BUTYLENE GLYCOL	5.0
4	SUNSOFT M-12J	POLYGLYCERYL-10 LAURATE	2.5
5	SUNSOFT No.707-C	GLYCERYL CAPRYLATE	1.0
6	Purified Water	WATER	Up to 100.0
7	Sodium Lauryl Glycol Carboxylate (29% solution)	SODIUM LAURYL GLYCOL CARBOXYLATE	8.0
8	Lauramidopropyl Betaine (30% solution)	LAURAMIDOPROPYL BETAINE	8.0
9	Polyquaternium-39 (40% solution)	POLYQUATERNIUM-39	0.3
10	Sodium Chloride	SODIUM CHLORIDE	0.3

◆ Properties

- Appearance: Clear liquid
- pH: 6.0-7.0

Stability: 3 months at 5°C, 40°C and ambient, 1 month at 50°C

◆ Procedure

- Mix and dissolve 4 at about 60°C.
- Heat 6 up to 50°C, add into [A] and stir it well.
- Add 7-9 into [B] and dissolve.
- Cool down the solution to 40°C with continuous stirring.
- Mix and dissolve 1-3,5.
- Add [E] into [D] and dissolve.
- Add 10 into the solution and dissolve.

◆ Formulation characteristics

- This is a low-irritant sanitizing hand wash featured by a sub-acidic carboxylic acid surfactant.
- M-12J is boosting the foamability of this formula, which is hard to achieve for other nonionic surfactants. Additionally, it can promote resistance against influenza viruses.
- No.707-C is representing not only bacteriostatic effects, but enhanced foamability & foam stability.
- The combination of M-12J and No.707-C enables your skin to stay dewier and plumper while protecting skin's 'Acid Mantle', even in the case of frequent or over washing.

