

Body wash (foaming) - organic

Organic sanitizing hand wash

Ingredients

Phase	%w/w input	Ingredient
A	22.85	Water
A	40.00	Aloe vera juice - organic - reconstituted 200:1
A	0.10	Sodium phytate (Dermofeel PA-3)
A	5.00	Calendula extract - rice extract - organic
B	10.00	Sodium cocoyl glutamate (30% surfactant) (Hostapon CCG)
B	6.00	Caprylyl/Capryl Glucoside (60%) (Oramix CG110/Plantacare 810UP)
C	5.00	Symbiosolv clear plus
C	0.50	Lemon (Citrus limon) peel essential oil - organic
C	0.20	Tea tree (Melaleuca alternifolia) leaf essential oil - organic
C	0.05	Tocopherols - mixed
D	8.00	Glycerin - organic
D	1.20	Xanthan gum
E	1.10	Dehydroacetic acid, benzyl alcohol (Geogard 221)
	q.s.	pH Adjuster



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Method

1. Combine phase A and stir under low shear until combined.
2. Combine phase B. Add phase B to phase A under low shear until homogenous. Take care not to introduce too much air/foam while stirring.
3. Combine phase C until homogenous. Add slowly to phase A/B while stirring under low shear until homogeneously combined. Take care not to introduce too much air/foam while stirring.
4. Combine phase D to form a slurry; add to phase A/B/C and stir through under low shear until homogeneously distributed - gel may not form straight away, just ensure homogenous distribution at this stage.
5. Add phase E and stir through under low shear until homogeneously combined. Take care not to introduce too much air/foam while stirring.
6. Check/adjust pH to 5 - 5.5 and stir until homogenous. Cover and stir again the next day. Allow foam to settle completely before pouring off.

NOTE: The sanitizing action of a hand wash comes from washing your hands for 20 seconds. Make sure you wash your hands thoroughly with this product for 20 seconds to get a sanitizing action.

Disclaimer: This formula and method has been developed based on the theoretical selection of listed ingredients; all costs associated with producing a sample of this product is the user's responsibility including any reworks or fails. IPCS recommends a 100g lab scale sample be made and pilot production prior to full scale production.

Please refer to supplier Safety Data Sheets (SDS/MSDS) to ensure safe handling of all raw materials. IPCS holds no responsibility for inappropriate use of materials selected, the formulation or method, in part or as a whole.

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