Colonial SCS Needles

Naturally-derived Anionic Surfactant in Needle Form

INCI Sodium Coco-Sulfate
CAS 68955-19-1
LISTINGS USA (TSCA), Canada (DSL), EU (REACH), Australia (AIIC), Korea (KECI), China (IECSC/IECIC); Philippines (PICCS), New Zealand (NZIOC), Taiwan (TCSI)

Colonial SCS Needles is a sodium coco-sulfate derived from 100% natural coconut oil. In the needle form, the product is free flowing and disperses easily in water. Heat is required to fully dissolve the product. Colonial SCS Needles provides excellent lather, thickening and conditioning properties. It is also an excellent replacement for most anionic surfactants in personal cleansing products.

BENEFITS

- Naturally derived
- Cleansing agent
- Disperses easily in water
- Excellent thickening properties
- Denser and creamier foam

APPLICATIONS

- Shampoos
- Bath beads
- Body cleansers
- Syndet bars
- Bath gels

TYPICAL PROPERTIES

Appearance	Free Flowing Needles
pH (1% solution)	10.5
% Active	92.0 Min.
% Inorganic Sulfates	2.0 Max.
% Sodium Chloride	0.3 Max.
% Water Content	4.0 Max.
Color, %T (5%AM@1cm, 425nm)	90 Min.

Readily biodegradable per OECD 301 methods. This product meets the criteria for a surfactant under the EU Detergents Regulation (EC) 648/2004.

Colonial SCS Needles is **"Derived Natural"** with a **Natural Origin Index of 1.00** in accordance with **ISO 16128** guideline.

Moisturizing Shampoo Bar — No. 1050

This eco-conscious shampoo comes to you in a solid bar form, designed to outlast multiple of its bottle counterparts and reduce plastic waste. This bar is pH-balanced and simply prepared with a hot-pour process, featuring Colonial SCS and Cola®Lipid GS for a rich lather with light conditioning, as well as Cola®Moist 200 to lock in moisture. To use, simply apply bar to wet hair with a combing/swiping motion and massage into a lather before rinsing. Keep bar dry between uses.

	TRADE NAME / INCI NAME	%
1	Glycerin	39.30
2	Water	8.00
3	Citric Acid 50%	0.40
4	***Colonial SCS Needles*** / Sodium Coco-Sulfate	33.00
5	*Lanette O* / Cetearyl Alcohol	13.00
6	***Cola®Lipid GS*** / Sodium Grapeseedamidopropyl PG-Dimonium Chloride Phosphate	4.00
7	***Cola®Moist 200*** / Hydroxypropyl Bis-Hydroxyethyldimonium Chloride	2.00
8	Fragrance	0.30
9	Dye	qs

PROCEDURE:

Combine ingredients 1 – 3. Add ingredient 4, then heat to 65 – 70°C, ensuring adequate mixing to keep needles evenly dispersed. Once at temperature, continue mixing until needles are completely dissolved. Maintaining temperature, add ingredient 5. Continue mixing until melted and uniform. Add ingredients 6 – 9. Mix until uniform, then pour into desired mold and allow to cool completely.

TYPICAL PROPERTIES:

Appearance: Solid, opaque bar
pH: 5.5 – 6.0

Handmade-Style Shampoo Bar — No. 1042

This formulation features Colonial SCS and Cola®Lipid GS in a concentrated shampoo bar, similar to other handmade cosmetic bars currently found in the market. This formulation has antioxidant benefits, all without the bottle.

	TRADE NAME / INCI NAME	%
A	***Colonial SCS Needles*** / Sodium Coco-Sulfate	65.00
B	Water	6.90
B	***Cola®Lipid GS*** / Sodium Grapeseedamidopropyl PG-Dimonium Chloride Phosphate	2.00
B	*Biochemica® Shea Butter Refined* / Butyrospermum Parkii (Shea) Butter	2.00
B	Fragrance	1.50
B	*Vitamin E Acetate* / Tocopheryl Acetate	0.10
B	Dye	qs
C	Zea Mays (Corn) Starch	22.50

PROCEDURE:

Add Colonial SCS to the primary Phase A vessel. In a separate vessel, combine Phase B ingredients. Add Phase B to Phase A. Mix until uniform. Add Phase C. Mix until uniform. Place into desired mold. Press and allow to sit for 24 hours.

TYPICAL PROPERTIES:

Appearance: Bar soap with visible SCS needles

STORAGE / HANDLING

Colonial SCS Needles should be stored in closed containers. Shipped in poly drums (net weight 220 lb/100 kg). Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at ***www.colonialchem.com.***

Additional Listings

Approved by ECOCERT RAW MATERIAL
COSMOS APPROVED

WWW.NATRUE.ORG

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