



Cola[®]Mid CMPA

DEA-Free, High Purity Alkanolamide

INCI Cocamide MIPA

CAS 68333-82-4

LISTINGS USA (TSCA), Canada (DSL), EU (REACH), Australia (AICS), China (IECSC/IECIC), Philippines (PICCS), New Zealand (NZIOC), Taiwan (TCSI)

Cola[®]Mid CMPA is a 1:1 cocamide monoisopropanolamide that is 100% MEA and DEA free. Cola[®]Mid CMPA provides foam stability (with emollient and anti-corrosive effects) and enhanced viscosity response. Featuring very low residual reactants and by-products, Cola[®]Mid CMPA is especially suitable for more “natural” formulations and stable at neutral, alkaline and acidic systems.

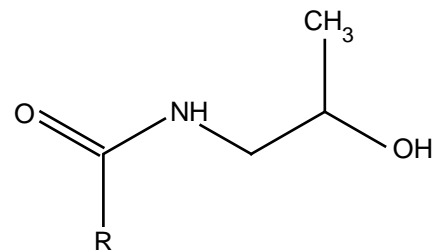
TYPICAL APPLICATIONS

- Shampoos 2% - 4%
- Body Wash 1% - 4%
- Skin Cleansers 0.5% - 2%
- Bubble Bath 1% - 2%



TYPICAL PROPERTIES / STRUCTURE

Appearance	Pastille or Flake
Free Amine, %	2.3 Max.
Acid Value	1.0 Max.
pH (1% Solution)	10.0
Melting Point (°C)	54.0 Max.
Color, Gardner '98	4 Max.



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

Purifying Shampoo (Sulfate-Free)

No. 1016

This clarifying shampoo invigorates your hair by deep cleansing and freeing hair of residue build up. With naturally derived conditioning ingredients, your hair will be "wet comb ready."

TRADE NAME / INCI NAME	%
1 Water	qs to 100.00
2 Cola®Teric LMB / Lauramidopropyl Betaine	15.00
3 Suga®Nate 160NC / Sodium Laurylglucosides Hydroxypropylsulfonate	25.00
4 Cola®Mid CMPA / Cocamide MIPA	0.50
5 Glycol Distearate	0.80
6 Poly Suga®Quat S1210P / Polyquaternium-81	0.50
7 Cola®Mate DSLS / Disodium Laureth Sulfosuccinate	10.00
8 Fragrance	0.20
9 DMDM Hydantoin	0.40

PROCEDURE:

Combine ingredients 1-3 and heat to 65°C. When batch reaches 50°C, add 4 and continue to heat. At 65°C, add 5 and mix until homogeneous and no particles remain. Once 5 is incorporated, begin cooling immediately to 50°C. Once below 60°C, add 6 and 7. At 50°C, add remaining ingredients. Adjust pH as necessary with citric acid.

TYPICAL PROPERTIES:

Appearance: Pearlescent pH: 6.5 Viscosity: 10,000 cP

Gentle Foaming Facial Cleanser

No. 2008

Formulated to provide excellent cleansing and foaming while remaining gentle to the skin, leaving it soft and fresh after washing.

TRADE NAME / INCI NAME	%
1 Water	qs to 100.00
2 Suga®Nate 160NC / Sodium Laurylglucosides Hydroxypropylsulfonate	25.00
3 Cola®Teric COAB / Cocamidopropyl Betaine	12.00
4 Cola®Mate DSLS / Disodium Laureth Sulfosuccinate	7.50
5 Cola®Mid CMPA / Cocamide MIPA	1.50
6 Preservative	qs
7 Fragrance	qs

PROCEDURE:

Combine ingredients 1-4 with mixing. Heat to 60°C. Add 5. Once dissolved, begin cooling to room temperature. Add remaining ingredients. Adjust pH with citric acid.

TYPICAL PROPERTIES:

Appearance: Clear pH: 6.0 Viscosity: 7,000 cP

Cola®Mid CMPA is "Derived Natural" with a Natural Origin Index of 0.73 in accordance with ISO 16128 guideline.

STORAGE / HANDLING

Cola®Mid CMPA should be stored in closed containers. Shipped in 200 lb/90 kg fiber drums. Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.com.



Colonial Chemical

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Innovative Specialty Surfactants