



Cola®Mid LMPA

DEA- Free Lauramide MIPA

INCI	Lauramide MIPA
CAS	142-54-1
LISTINGS	USA (TSCA), Canada (DSL), Australia (AICS), Japan (MITI), Korea (KECI), China (IECSC), Philippines (PICCS), New Zealand (NZIOC), Taiwan (NECI)

Cola®Mid LMPA is a refined monoisopropylamide, suitable for use in cosmetic and household formulations. Cola®Mid LMPA offers excellent performance for building viscosity and stabilizing foam. With very low residual free amine, Cola®Mid LMPA is an appropriate replacement for Diethanolamine (DEA) or Monoethanolamine (MEA).

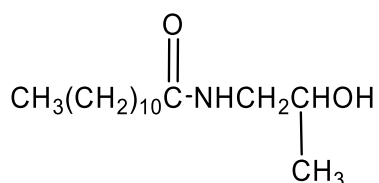
There is no DEA present in Cola®Mid LMPA.

SPECIFICATIONS

Appearance @ 25°C	Uniform Flakes
pH (1% aqueous)	8.0 – 11.0
Acid Number	4.0 Max.
Alkali Number	15.0 Max
% Free MIPA	2.0 Max
% Free Fatty Acid	2.0 Max
Color, Gardner BYK	4 Max

TYPICAL PROPERTIES / STRUCTURE

Specific Gravity @ 25°C	0.6
Total Plate Count (CFU/g)	<10
Gram Negative Bacteria	Absent
Melting Point	52°C



TYPICAL APPLICATIONS

Personal Care

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

Household and Industrial

Liquid Dishwashing	4% – 6%
Dishwashing Blocks	8% – 10%
Drop-In Toilet Bowl Blocks	8% – 12%
Powder Detergents	8% – 12%

STORAGE / HANDLING

Cola®Mid LMPA should be stored in sealed containers below 30°C in a dry place out of direct sunlight. Handle between 25°C – 35°C. Cola®Mid LMPA is shipped in available in 200 lb/90 kg fiber drums. Shelf life is 24 months from date of manufacture. A Safety Data Sheet is available at www.colonialchem.com.