Superior elements,
superior results

Household, Industrial and Institutional Specialty Products

Colonial Chemical

Suga® and Poly Suga® *Functionalized Alkyl Polyglucoside Surfactants*

Suga®Boost • *Naturally-Derived High Performance Degreaser*

SASR Salt and Scale Remover and Corrosion Inhibitor Concentrate
030 MB Functionalized Alkyl Polyglucoside
050 MB Functionalized Alkyl Polyglucoside
070 Functionalized Alkyl Polyglucoside - *China compliant*
080 Functionalized Alkyl Polyglucoside - *China compliant*
090 Functionalized Alkyl Polyglucoside - *China compliant*

Suga®Nate • *100% Natural APG Sulfonates*

160 Dry MB Sodium Laurylglucosides Hydroxypropylsulfonate - 100% Natural Carbon
160NC MB Sodium Laurylglucosides Hydroxypropylsulfonate - 100% Natural Carbon
100NC Sodium Decylglucosides Hydroxypropylsulfonate - 100% Natural Carbon

Suga®Fax • *Naturally-Derived APG Phosphate Esters*

D04 Sodium Butylglucosides Hydroxypropyl Phosphate
D08 Sodium Hexylglucosides Hydroxypropyl Phosphate
D10 NC Sodium Decylglucosides Hydroxypropyl Phosphate
D86 Sodium Cocoglucosides Hydroxypropyl Phosphate

Suga®Det • *100% Biobased Nonionic Surfactant Concentrates*

C Coco-Glucoside
CG MB Coco-Glucoside
D MB Decyl Glucoside
L MB Lauryl Glucoside

Poly Suga®Mulse • *100% Natural EO-Free Emulsifiers*

D6 MB Sorbitan Oleate Decylglucoside Crosspolymer
D9 MB Sorbitan Oleate Decylglucoside Crosspolymer

Poly Suga®Nate • *100% Natural Poly APG Anionic Surfactant*

100P NC Sodium Hydroxypropylsulfonate Decylglucoside Crosspolymer
160P NC MB Sodium Hydroxypropylsulfonate Laurylglucoside Crosspolymer

Poly Suga®Quat • *Poly APG Quats*

L-1010P MB Polyquaternium 78
L-1210P MB Polyquaternium 80
S-1210P MB Polyquaternium 81
TM-8610P Polyquaternium 77

Colonial Chemical, Inc. is a winner in the 2021 EPA Green Chemistry Challenge Awards Program in the focus area of The Design of Greener Chemicals. Colonial Chemical is recognized for developing Suga®Boost surfactant blends that use more environmentally friendly chemicals than traditional cleaning surfactants. Suga®Boost surfactants consume less energy to create, are biodegradable, and are derived from plant-based materials, with performance that demonstrates potential to replace EO-containing surfactants such as SLES and APEs. For more information, go to www.epa.gov/greenchemistry.

GREEN CHEMISTRY CHALLENGE

EPA United States Environmental Protection Agency

Plant-Based Surfactants for Household, Industrial and Institutional Applications

- Useful for high-biobased claims in plant-based formulations
- Very mild to eyes and skin contact over harsh sulfates, alkoxylates, and coco DEA
- Reduction of GHS warning labels
- Free of Prop 65 components (1,4-Dioxane, DEA, DCA, etc.)
- Stable in wide range of pH
- Stable in hard water and electrolyte solution without hydrotropes
- Environmentally advantageous profiles (readily biodegradable, low aqua toxicity, direct release)
- Broad regulation approval (EPA Safer Choice, USDA Biobased, EU Detergent Directive)
- Compatible with majority of surfactants
- Variety of chemistries that meet different formulation and performance demands
- Superior performance over many surfactants used in sulfate-free and plant-based formulations

Sourced from 100% natural materials

Cola®Carb • *Ether Carboxylate Surfactants*

BEA Sodium Butoxy Ethoxy Acetate
BEA-B Sodium Butoxy Ethoxy Acetate
M7C Branched Medium-chain Alkyl Ether Carboxylic Acid
OXC Long Alkyl Chain and Long EO Chain Ether Carboxylic acids
O2C Long-chain Alkyl Ether Carboxylic Acid
O5C Oleth-6 Carboxylic Acid
TDC Trideceth-7 Carboxylic acid

Cola®Cor • *Corrosion Inhibitors*

100 Water-soluble Amphoteric for Acid or Alkaline Conditions
186 Acylamido Carboxylic Acid
215 Water-soluble Amine Carboxylate - Aluminum and Ferrous Metals
298 Water-soluble Amine Carboxylate - No phosphorous or DEA
300 Water-soluble Amine Carboxylate - Hard Water Tolerant
372 Water-soluble Amine Carboxylate - Multi-metal Corrosion Protection
400 Water-soluble Anionic Carboxylate, Low Foam for Non-ferrous
C-56 Imidazoline Benzyl Chloride Quat (Alkylbenzylimidazolium Chloride)
IT Acylamidocarboxylic Acid Alkanolamine Salt
KAT Anionic Water Soluble Corrosion Inhibitor
RP Water soluble amine borate for ferrous and non-ferrous

Cola®Det • *Concentrate Blends*

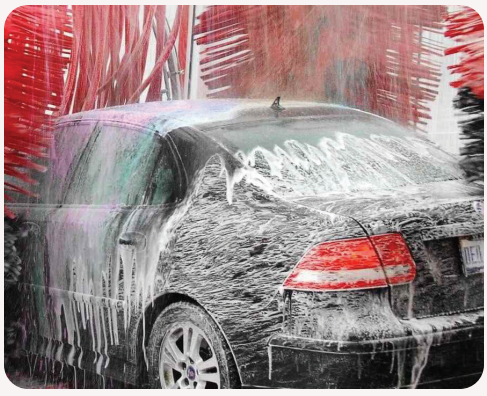
4X Ultra Concentrate Concentrated Natural Liquid Laundry Detergent ■
100 All Purpose Detergent Concentrate
190 Anionic-Nonionic Surfactant Concentrate
BSC-ND DEA-Free Mild Pet Shampoo Concentrate
COCO MB Sodium Coco-Sulfate (and) Coco-Glucoside (and) Cocamidopropyl Hydroxysultaine ● ■
DEF-15 SLES, DEA-Free Surfactant Concentrate
DEF-20 ALES, DEA-Free Surfactant Concentrate
DEF-35 DEA-Free Liquid Cold-Mix Pearl Concentrate
DEF-60 Sodium C14-16 Olefin Sulfonate, Cocamide MIPA, Cocamidopropyl Betaine
DEF-61 MB Sodium C14-16 Olefin Sulfonate, Cocamidopropyl Hydroxysultaine, Cocamide MIPA ●
KC-40 MB Potassium Coconut Soap ○ ● ■
OKC-40 Potassium Cocoate from **Certified Organic Coconut Oil** ○ ■

Cola®Dol • *Nonionic Ethoxylated Alcohols*

DG-13 Proprietary Blend of Non-foaming, Streak-free Nonionic Surfactants ○
91-6 Emulsifier, detergent and wetting agent
173-B Performance blend of ethoxylated alcohols
900 Alkoxylated surfactant, alternative for NP-9, 9.5, 10 ○
901 Degreasing surfactant replacing higher-cost surfactants ○

Cola®Dry • *Automotive Drying Agents & Protectants*

CAV MSO-Free Spray-Wax and Sealant
CR-502 Proprietary Polymeric Sealant
CR-502 EU Proprietary Polymeric Sealant
DAB Water Soluble Silicone Wax Additive for Shine and Protection
Graphene Ceramic Sealant Concentrate with Graphene
QS100 Functionalized Silicone Polymer Blend - Wax and Coating



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Cola®Fax • *Phosphate Esters*

3374 Phenol-6 *Mid Foaming • Hydrotrope • High Alkaline*
3375 Phenol-6 *Mid Foaming • Hydrotrope • High Alkaline*
3376 Nonophenol-6 *Mid Foaming • Lubrication*
3383 Phenoxyethanol *Low Foaming • Hydrotrope • Wetting • High Alkaline*
3384 2-EH *Low Foaming • Hydrotrope • Lubrication*
3386 Phenol-6 *Low Foaming • Hydrotrope • Wetting • High Alkaline • Lubrication*
3389 TDC-7 *Wetting • Lubrication*
3390 Proprietary Blend *Wetting • Detergency • Lubrication*
3396 Phenol-6 *Low Foaming • Hydrotrope • Wetting • High Alkaline*
3611 Phenol-4 *Low Foaming • Hydrotrope*
3660 C_{9-11}-6 *Hydrotrope • Wetting • High Alkaline*
CPE-K MB Potassium Cetyl Phosphate

Cola®Lipid • *Naturally-Derived Phospholipids*

C MB Cocamidopropyl PG-Dimonium Chloride Phosphate
DCCA Sodium Coco PG-Dimonium Chloride Phosphate
SAFL MB Linoleamidopropyl PG-Dimonium Chloride Phosphate

Cola®Liquid • *Non-DEA Liquid Amides*

1 : 1 Amides

BL Cocamidopropyl Betaine *and* Lauramide MIPA
DC Cocamide DIPA
DL Lauramide DIPA
DM MB Myristyl DIPA
DO Soyamide DIPA
DT Tallate DIPA

2 : 1 Amides

DC2 Cocamide DIPA
DT2 Tallate DIPA
FACD Fatty Acid Amido Complex

Cola®Lux • *Amine Oxides*

C-8 Octylamine Oxide
CAO-35 Cocamidopropylamine Oxide
LO MB Lauramine Oxide
MO-HP Myristamine Oxide (high purity)
SAO Soyamidopropylamine Oxide
SO Stearamine Oxide

Cola®Mate • *Sulfosuccinates*

LA-40 MB Disodium Lauryl Sulfosuccinate

Cola®Mid • *Alkanolamide 1:1*

C Cocamide DEA
CMA MB Coconut MEA
CMPA Cocamide MIPA
LMA MB Lauramide MEA
LMPA Lauramide MIPA

Cola®Mine • *Alkanolamide 2:1*

11CM-MOD Coconut Diethanolamide
CDA Coconut Diethanolamide
CDM Coconut Diethanolamide Modified
RA-26 Fatty Acid Diethanolamide

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Cola®Mulse • *Emulsifiers*

3GO MB Polyglyceryl-3 Oleate
5101 Antistatic Glass and Plastic Cleaner Concentrate
CA-15 Multifunctional Amine Alkoxylate
CS300 Dicoco Dimethyl Ammonium Chloride
CS400 Highly Effective Emulsifier for Mineral Seal Oil in Vehicle Drying
FE PEG-8 Laurate, Laureth-4
HP500 Cationic Emulsifier for Mineral Seal Oil for Vehicle Drying

Cola®Nol • *Polyglycerol Esters*

14 MB Dispersing Agent; Water in Oil Emulsifier; Wetting Agent

Cola®Quat • *Cationic Additives*

C-15 Quaternary Ethoxylated Coco Ethyl Ammonium Ethosulfate
SME Soyethyl Morpholinium Ethosulfate
SME DG Soyethyl Morpholinium Ethosulfate (and) Diproplyene Glycol

Cola®Solv • *Ionic Liquids*

OES Oleyl Ethylimidazolinium Ethosulfate

Cola®Terge • *Performance Detergents*

102 Surfactant Blend for Water-Based Degreasers
BCC Brewery Cleaning Concentrate - High Beer Stone Removal
FACC Fatty Acid Amido Complex Detergent Concentrate

Cola®Teric • *Amphoterics*

Betaines

810B Capryl/Capramidopropyl Betaine
BW Octyl Betaine
CAB-49 Cocamidopropyl Betaine *FRACTURING AID*
CB Coco Betaine from coco amine
COAB MB Cocamidopropyl Betaine *from coconut oil STANDARD BETAINE*
COAB-HP Cocamidopropyl Betaine *from coconut oil PREMIUM BETAINE WITH NO GLYCERIN FROM FATTY ACID FOR SUPERIOR VISCOSITY BUILDING*
COAB-UL Cocamidopropyl Betaine *from coconut oil LIGHT COLOR STANDARD BETAINE*
COAB-UP Cocamidopropyl Betaine *from coconut oil UNPRESERVED STANDARD BETAINE*
COAB-45 MB Cocamidopropyl Betaine *HIGH ACTIVE*
CYAB Caprylamidopropyl Betaine
LAB70 UP Lauryl Betaine
LMB MB Lauramidopropyl Betaine
OAB-UP Oleamidopropyl Betaine (Unpreserved)

Sultaines

CBS MB Cocamidopropyl Hydroxysultaine

Amphoacetates

1C Sodium Cocoamphoacetate
2C MB Disodium Cocoamphodiacetate
2C-LV Disodium Cocoamphodiacetate (low viscosity)
SLAA MB Sodium Lauroamphoacetate

Propionates

2CM Disodium Cocamphodipropionate
2CM-40CG Disodium Cocamphodipropionate
2COSF Sodium Capryloamphopropionate
CA-35 Sodium Cocoamphopropionate
EHP Sodium Alkyaminopropionate
HLA Sodium Lauriminodipropionate

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JBS-50 Disodium Capryloamphodipropionate *High Concentration*
MSC-NA Sodium Mixed Short Chain Dipropionate
ZF-50 Octyl Iminodipropionate

Other

AP Sodium Dicarboxyethyl Coco Phosphoethyl Imadazoline
AV Acid Thickener
JEM MB Mixed C8 Ampho Carboxylate ●
JSC Sodium Capryloamphohydroxypropylsulfonate
SC High-Foaming Surfactant and Hydrotrope

Cola®Trope • *Hydrotropes*

AHS Alkylether Hydroxypropyl Sultaine
CA Environmentally Safe, Low-Foam, Naturally Derived Hydrotrope ○ ■ ■
INC Sodium Alkanoate Bleach Stable Hydrotrope
INC K Potassium Alkanoate, Bleach Stable Hydrotrope
OD Environmentally Safe, Med-Foam, Naturally Derived Hydrotrope ○ ■ ■

Cola®Wet • *Dialkyl Sulfosuccinates*

A22 Aspartic acid, N-(3-carboxy-1-oxosulfopropyl)-, N-tallow alkyl derivs., tetrasodium salts
A-100 Disodium Ethoxylated Nonylphenol Half Ester of Sulfosuccinic Acid
DOSS 70E Sodium Dioctyl Sulfosuccinate & Ethanol
DOSS 70 PG Sodium Dioctyl Sulfosuccinate & Propylene Glycol
DOSS 75 Sodium Dioctyl Sulfosuccinate
MA-80 Sodium Dihexyl Sulfosuccinate & IPA

Cola®Zoline • *Alkyl Imidazolines*

C MB Coconut Oil / AEEA ●
LM MB Lauric Myrystic Imidazoline ●
O Oleic Acid / AEEA
T Tall Oil / AEEA
TD Tall Oil and DETA

Colonial • *Surfactants High-Foaming Anionics*

AOS-40 Sodium C14-16 Olefin Sulfonate
AOS-40 UP Sodium C14-16 Olefin Sulfonate (Unpreserved)
SCS Needles Sodium Coco-Sulfate ■
SLES-2 Sodium Laureth Sulfate
SLES-60 Sodium Laureth Sulfate, 60%
SLES-70 Sodium Laureth Sulfate, 70%
SLS Sodium Lauryl Sulfate

Low Foaming Anionics

DF-16 Low Foam Wetting Agent
DF-20N Anionic for Low Foam, High Caustic Spray Cleaning
ZF-10 Low Foam for 10% Caustic
ZF-10P Low Foam for 10% Caustic
ZF-25 Low Foam for 25% Caustic

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Contact us today.

One of our customer service representatives or technical advisors will be happy to help you locate the right product you need with specifications, formulations and product samples upon request.

www.colonialchem.com

Legend

- Designates that the RSPO Mass Balance and/or conventional grade product confirms to NSF/ANSI 305-2012.
- Designates that the RSPO Mass Balance and/or conventional grade is acceptable for EPA's Safer Choice.
- Designates that the RSPO Mass Balance and/or conventional grade product is EcoCert certified.
- Designates that the product is **Mass Balance RSPO** (or available Mass Balance RSPO with added "MB" suffix in the product name).

  In keeping with Colonial Chemical's commitment to sustainable raw material sourcing, these products are derived from palm oil that contributes to the production of certified sustainable palm oil. More information at **www.RSPO.org.**

  CERTIFIED SUSTAINABLE PALM OIL™ RSPO MIXED 2-1326-22-100-01
- Designates that the RSPO Mass Balance and/or conventional grade is listed as a USDA BioPreferred Product.
- Designates that the RSPO Mass Balance and/or conventional grade is acceptable for EPA's Safe For Direct Release.

USDA CERTIFIED BIOBASED PRODUCT · NSF · CLEANGREDIENTS · ECOCERT

Colonial Chemical

225 Colonial Drive · South Pittsburg, TN 37380

www.colonialchem.com

Innovative Specialty Surfactants

ACI · ISSA MEMBER