



Ready to add,
Ready to clean.

**Metal Cleaning
Specialty Products**

Effective March 2018



Distributed by:
Ravago Chemicals North America
(833) RAV-CHEM
info@RavagoChem.com
www.RavagoChemicals.com



**Colonial
Chemical**

Product Name	Performance	Application
Alkaline Stable, Low Foam, Surfactant Concentrates		
Colonial ZF-10	Proprietary, low-foaming surfactant concentrate. Soluble at room temperature in up to 10% caustic solution. Diluted solutions exhibit wide range of functional cloud points; non-foaming above those temperatures.	Best suited for use in pipeline cleaners, metal and parts spray cleaners, CIP cleaners, and soak tank cleaners where immediate solubility and low foam are required.
Colonial ZF-15	Proprietary, low-foaming surfactant concentrate. Soluble at room temperature in up to 15% caustic solution. Diluted solutions exhibit wide range of functional cloud points; non-foaming above those temperatures.	
Colonial ZF-20	Proprietary, low-foaming surfactant concentrate. Soluble at room temperature in up to 20% caustic solution. Diluted solutions exhibit wide range of functional cloud points; non-foaming above those temperatures.	
Colonial ZF-25	Proprietary, low-foaming surfactant concentrate. Soluble at room temperature in up to 25% caustic solution. Diluted solutions exhibit wide range of functional cloud points; non-foaming above those temperatures.	
Colonial DF-16	Low foam nonionic surfactant for wetting, cleaning and defoaming.	Metal cleaners, pigment dispersions, pulp and paper, rinse aids, textile processing, ion-exchange resin cleaners, and wetting agents.
Colonial DF-20	Anionic modified polyethers that display low foam and nonionic cloud point in diluted use solutions.	Metal and parts cleaners, food processing equipment cleaning.
Cola®Cap MA139	Low foam end capped nonionic surfactants that help defoaming cleaners and promote reversible emulsification, cloud point 17°–20°C. Will help de-foam protein foams. High-active detergent.	Food and dairy cleaners, machine dishwashing liquids, metal cleaners, pulp and paper, rinse aids, and wetting agents.
Cola®Cap MA259	Low foam end capped nonionic surfactants that help defoam cleaners and promote reversible emulsification, cloud point 23°–29°C. Will help de-foam protein foams. High-active detergent.	CIP cleaning, metal and parts spray cleaning, machine dishwashing liquid, rinse aids, carpet cleaning, high efficiency laundry.
Cola®Terge BCC	Proprietary surfactant concentrate specifically designed for rugged performance in the food, beverage and dairy industries. Combines low foaming and outstanding performance; quickly removes alkali scale that forms in tanks and transport vessels used by brewers, soft drink producers, dairy and juice transporters.	Brewery vessel cleaning, “Beer Stone” removal, bottle cleaning, CIP cleaning, spray cleaning, cooling tower descaling. Superior stability with detergency in up to 50% sodium hydroxide and/or 45% potassium hydroxide. Well-suited for high-pressure washdown. Soluble, stable in 25% HCl.
Cola®Terge LFD-C	Readily biodegradable low-foaming detergent concentrate offering outstanding detergency, wetting and rinsing properties in acid and alkaline cleaners. Helps boost the detergency and rinsing of alkaline metal cleaner formulations. Environmentally safe, and low foam behavior at a wide temperature range.	Spray cleaning, steam cleaning, soak tank cleaning, wax stripping, CIP cleaning, ultrasonic cleaning.

High Performance Blends for Immersion Cleaning		
Cola®Dol 600	Performance blend of nonionic surfactants for replacement of nonylphenol alkoxylates with 6EOs. Boosts degreasing performance.	Replacement of NP-6. Low HLB cleaning and degreasing booster.
Cola®Dol 400	Performance blend of nonionic surfactants for replacement of nonylphenol alkoxylates with 4EOs Boosts degreasing performance.	Replacement of NP-4. Low HLB cleaning and degreasing booster.
Cola®Dol 900	Performance blend of nonionic surfactants with mid to high foam for replacement of nonylphenol alkoxylates cloud point 65°–70°C.	Replacement of NP-9, 9.5, 10 in hard surface cleaning, degreasing, emulsion polymerization.
Cola®Dol 901	Low HLB performance blend of nonionic surfactants for enhanced degreasing.	Heavy duty degreasing and cleaning.
Cola®Dol 902	Performance blend of nonionic surfactants for replacement of nonylphenol alkoxylates, cloud point 46°–48°C.	Mid duty soak tank cleaning and degreasing of metal and parts.
Cola®Terge 102	High performance blend of nonionic and cationic surfactants with mid to high foam for heavy duty degreasing of metal parts and vehicles. Cloud point at 81°C.	Used as single surfactant in heavy duty degreasing, hard surface cleaning, soak tank cleaning, equipment cleaning, transportation cleaning.
Cola®Terge 226	High performance blend of nonionic and cationic surfactants for heavy duty degreasing of metal parts and vehicles.	Used as single surfactant in heavy duty degreasing, hard surface cleaning, soak tank cleaning, engine/wheel/parts cleaning.

Product Name

Performance

Application

Amphoterics and Hydrotropes for Improved Stability and Performance

Cola®Fax 3373	Low foaming, water soluble, aliphatic-based phosphate ester, an effective hydrotrope for conventional and low foam nonionic surfactants in alkaline systems, excellent compatibility in sodium hypochlorite formulations.	This product is recommended for use in spray, soak tank, and in-place pipeline cleaners.
Cola®Fax 3386	100% active, low foaming, aromatic based, phosphate ester with characteristics of low coefficient of friction, corrosion inhibition, high electrolyte compatibility, hydrotrope, and low toxicity.	Metal cleaning, chain lubricating, hydrotrope, maintenance cleaning.
Cola®Teric AP	Salt-free organophosphate amphoteric that provides hydrotrope properties in high alkaline built systems formulated with conventional and capped low foaming nonionics. Improves the rinsability by providing less streaking and redeposition of soil on the cleaned surface. Also enhances the detergency of nonionics. Stable in up to 40% NaOH and 45% KOH.	Industrial detergent cleaners, such as alkaline metal cleaning, high pressure spray cleaners, alkaline degreasers, scrubbing compounds, acid cleaners, transportation cleaners and various other hard surface detergent formulations.
Cola®Teric 2CM	Alkyl imidazoline dicarboxylic acid amphoteric that displays high foaming amphoteric with good cleaning and coupling efficiency	Mid duty soak tank cleaning and degreasing of metal and parts. Transportation cleaning.
Cola®Teric CYAB	Low foam amphoteric surfactant that is a good cleaner and a highly cost effective hydrotrope.	Ideal replacement of SXS as both hydrotrope and cleaner.
Cola®Teric HLA	High foaming amphoteric cleaner with excellent hydrotrope efficiency for nonionic. In addition, it is a good wetting and foaming agent. Soluble in caustic solution up to 30% KOH, and 25% NaOH.	Transportation cleaning, soak cleaning, household and industrial cleaners, mild personal care cleansers, and oilfield-related foamers.
Cola®Teric JEM	Derived from mixed caprylic and ethylhexoic acids, it is a surfactant with low foaming characteristics that is stable in alkaline medium. Cola®Teric JEM can be sprayed onto dry caustic soda, which will not discolor even after prolonged storage.	Recommended for use in bottle washing compounds, wax stripping formulations, for alkaline degreasing.
Cola®Teric JBS	Amphoteric surfactant and hydrotrope that demonstrates a flash foam.	Replacing high stable foamer for ease of rinse.
Cola®Teric ZF-50	Highly effective hydrotrope with extreme low foam. Work in synergy in cleaning with nonionic surfactants.	High pressure spray cleaners, alkaline degreasers, scrubbing compounds, acid cleaners, bottle cleaners, transportation cleaners and various other hard surface detergents.
Cola®Trope AHS	Low foam amphoteric that is soluble in 50% Caustic Soda solutions, and mineral acids such as 25% HCl, 20% HNO ₃ , and 85% H ₃ PO ₄ . It can effectively lower the surface tension of higher caustic cleaners.	Metal cleaning, bottle washing concentrates, pipe cleaning, heavy duty steam cleaning, wax stripping.
Cola®Trope CA	100% naturally derived low foam anionic hydrotrope that is stable in bleach and peroxide containing formulas, and is soluble in 20% KOH and 15% NaOH.	Bleach or peroxide containing disinfecting cleaning, pressure cleaning, CIP cleaning, bottle washing, replacing SXS for better environment attributes.
Cola®Trope INC	Bleach stable low foam anionic hydrotrope. Good solublizer for powder detergents and a fast wetter in a bleach solution. Stable in 20% KOH and 10% NaOH. Not recommended to be used in acid cleaners.	Bleach or peroxide containing disinfecting cleaning, pressure cleaning, CIP cleaning, bottle washing, replacing SXS.
Cola®Trope INC-K	The potassium salt alternative to Cola®Trope INC and designed for use in systems with high electrolytes. Cola®Trope INC-K is a very versatile, low foaming surfactant and hydrotrope in one molecule. Cola®Trope INC-K also has a lower Krafft point than Cola®Trope INC, has excellent stability in hypochlorite solutions and does not contribute to the degradation of the hypochlorite in the formulation.	Similar to Cola®Trope INC, it is used to couple nonionics and other surfactants into highly-built products and useful in formulations where the sodium salt ion needs to be avoided.
Cola®Trope MSC-NA	A mixed, short chain length imidazoline-derived amphoteric surfactant, with low and fast breaking foam, that provides effective wetting, detergency, and rinsability in acid and alkaline systems.	high pressure spray cleaners, alkaline degreasers, acid cleaners, transportation, cleaners, and other hard surface cleaners.

Corrosion Inhibition and Surface Protectants

Cola®Cor ACI	An aluminum corrosion inhibitor; designed to prevent corrosion for aluminum and ferrous metals. Its potassium, sodium and amine salts are completely water-soluble in water, though it is barely soluble in its free acid form.	In synthetic, semi-synthetic and water-based metalworking fluids, it provides protection for ferrous metals at very low concentration. Its salts generate very low foam and, in some instances, acts to inhibit foam formation. It prevents aluminum staining at a pH up to 9.3 and reduces staining at higher pH.
Cola®Cor RP	Non-foaming, water-soluble corrosion inhibitor. Replacement for sodium nitrite especially in cutting and grinding fluids. An extremely effective corrosion inhibitor for aerosol formulations containing water and on ferrous metals when used at a minimum concentration of 1% by weight.	Corrosion inhibitor, in alkaline cleaner only, for cast iron, steel, and nonferrous metals such as aluminum and copper.
Cola®Cor 300	A water-soluble carboxylate corrosion inhibitor designed for metalworking applications. Aqueous solutions are very low foaming and provide effective corrosion protection at typical in use treat levels. It exhibits excellent tolerance to water hardness and aqueous films dry to tack free residues. Does not contain boron, phosphates, chromates, nitrites or metallic cations.	Effective rust inhibitor for ferrous metals. For optimum rust protection, solution pH should be adjusted to 8.5 or greater with amine of choice.
Cola®Cor 372	A multi-metal low-foaming corrosion inhibitor in metalworking fluids, in rolling emulsions and water-based hydraulic fluids. Insoluble in water. Water soluble salts are obtained by neutralization with alkanolamines and hydroxides .	Multi-metal corrosion inhibitor for magnesium, steel, and aluminum. Metalworking fluids, rolling emulsions, alkaline cleaners, fire-resistant hydraulic fluids (HFAS, HFAS).
Cola®Cor 400	Highly effective low-foam water-soluble corrosion inhibitor that demonstrates more potent corrosion inhibiting properties than traditionally used carboxylic type.	Low-foam, alkaline spray washes for rust protection, as well as, for improved wetting/ rinsibility at 0.1% 0.3% active.

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.



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info@RavagoChem.com
www.RavagoChemicals.com



Colonial Chemical

225 Colonial Drive · South Pittsburg, TN 37380
Phone: 423-837-8800 · Fax: 423-837-3888
www.colonialchem.com

Innovative Specialty Surfactants

