

Stepan 
Your complete surfactant source™

STEPAN CHINA SURFACTANT CATALOG
Including Food & Health Specialties



Thank you for considering Stepan Company as *your complete surfactant source*TM. You will find our global catalog incorporates a broad range of products including anionic, cationic, nonionic, amphoteric surfactants and surfactant blends. Below is a brief summary of Stepan, our mission, global strategy and core competencies.

Stepan’s finest sales, business management and technical service representatives have a deep knowledge of our customers and the markets they serve. They are supported by a technical group of over 100 members who will respond to your questions whether it is a formulation recommendation, new application, regulatory compliance question or custom product development.

For more information about any product please call our regional technical service contact, sales office or visit us on our website at www.stepan.com.

STEPAN MISSION The mission of the Stepan Company is to meet the requirements of all our stakeholders — customers, stockholders, employees, and the communities in which we operate.

- STEPAN in BRIEF**
- Founded in 1932 by Alfred C. Stepan, Jr.
 - Over 1,500 Employees
 - Corporate Offices in Northfield, IL
 - Fourteen Manufacturing Locations Worldwide
 - Shipments available direct and through more than 150 distribution locations
 - Member of ACC Responsible Care and CSPA Product Care Program
 - Commitment to Quality Improvement – ISO 9001:2000 Certified
 - Commitment to Compete Globally
 - In two decades, Stepan has grown from 5 plants and \$200 million to 14 plants in ten countries with \$1.6 billion in revenue.

- GLOBAL STRATEGY**
- Grow Through Innovation
 - Globalize Core Technologies
 - Expand Strategic Business Accounts
 - Maintain End-Use Market Focus
 - Invest in Research & Development
 - Focus on Quality/Service/Responsible Care

STEPAN CORE TECHNOLOGIES

Sulfonation	Esterification	Amidation	Quaternization	Alkoxylation	Oxidation
ANIONICS	ESTERS/POLYOLS	AMIDES	QUATS/BETAINES	NONIONICS	AMINE OXIDES
ALPHA-STEP	DREWMULSE	NINOL	ACCOSOFT	BIO-SOFT	AMMONYX
BIO-SOFT	DREWPOL		AMMONYX	IGEPAL (Canada)	PHTHALIC
CEDEPAL	NEOBEE		AMPHOSOL	MAKON	ANHYDRIDE
NACCONOL	STEPAN		BTC	TOXIMUL	
NINATE	STEPANPOL		STEPANQUAT		
POLYSTEP	STEOSOL		STEPANTEX		
STEOL	WECOBEE				
STEPANATE					
STEPANOL					
STEPANTAN					
STEOSOL					

STEPAN SURFACTANT CATALOG FOR CHINA

Table of Contents

Personal Care	2-4
Laundry & Cleaning	5-7
Fabric Softeners	8
Antimicrobials	9
Agricultural	10-12
Metalworking	13
Oil Field	14-15
Specialty Foamers	16-17
Food & Health Specialties	18
Product Index	19-20

ACCOSOFT®, ALPHA FOAMER®, ALPHA-STEP®, AMMONYX®, AMPHOSOL®, BIO-SOFT®, BIO-TERGE®, BTC®, DREWMULSE®, DREWPLAST®, DREWPOL®, LATHANOL®, MAKON®, MERPOL®, MICROFOAM®, MICRO-STEP®, NACCONOL®, NEOBEE®, NINATE®, NINEX®, NINOL®, ONYXIDE®, PETROSTEP®, POLYSTEP®, SO/SAN®, STEOL®, STEPAN®, STEPANATE®, STEPANFORM®, STEPANQUAT®, STEPAN-MILD®, STEPANFOAM®, STEPANOL®, STEPANPOL®, STEPANTAN®, STEPANTEX®, STEP-FLOW®, STEPOSOL®, STEPSPERSE®, STEPWET®, TOXIMUL®, WECOBEE® and ZELEC® are registered trademarks of Stepan Company.

Your Formula for Success® and *Your Complete Surfactant Source™* are trademarks of Stepan Company.

Disclaimer:

Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, express or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be held liable (regardless of fault) to the vendees, employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing such information.



PERSONAL CARE

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION	ACTIVE%	FORM AT 25°C	APPLICATIONS
ALKYL SULFATES					
STEPANOL® ALS 70		● AMMONIUM LAURYL SULFATE	70	Gel	Used in shampoos, hand soaps and bath products. Ammonium lauryl sulfates work well in products which require a low pH and low temperature clarity. Excellent foamers.
STEPANOL® WA-EXTRA	● ●	● SODIUM LAURYL SULFATE	29	Liquid	Used in personal care applications such as shampoos, handsoaps, bath products, shaving creams and medicated ointments. Excellent foamers giving good viscosity response. They can be used in opaque, pearlescent or cream products.
STEPANOL® ME-DRY	●	● SODIUM LAURYL SULFATE	93	Powder	Dry sodium lauryl sulfates. Useful in dentifrice tablets, powdered bubble baths and cleansing preparations. Product names and forms vary by manufacturing locations.
STEPANOL® WA-100 NF/USP	●	● SODIUM LAURYL SULFATE	97	Powder	
STEPANOL® WA-200		● SODIUM LAURYL SULFATE	93	Needles	
STEPANOL® WA-90		● SODIUM LAURYL SULFATE	93	Powder	
STEPANOL® DCX		● SODIUM LAURYL SULFATE	92	Needles	
STEPANOL® DX		● SODIUM LAURYL SULFATE	92	Needles	
STEPANOL® DX-AS 165		● SODIUM COCO-SULFATE	94	Needles	
STEPANOL® CFAS-70		● SODIUM COCO-SULFATE	70	Paste	High active to dry anionic surfactants for use in personal care applications such as shampoos, body washes, liquid hand soaps, facial cleansers and bath soaps.
STEPANOL® DCFAS-F		● SODIUM COCO-SULFATE	90	Flake	
STEPANOL® DCFAS-N		● SODIUM COCO-SULFATE	90	Needles	
STEPANOL® DCFAS-P		● SODIUM COCO-SULFATE	90	Granular Powder	
STEPANOL® ML 30	●	● MEA LAURYL SULFATE	29	Liquid	Used in toiletries and hair care products.
STEPANOL® WAT	●	● TEA LAURYL SULFATE	40	Liquid	Used in shampoos, bubble baths and liquid hand soaps.
STEPANOL® WAT-E	●	● TEA LAURYL SULFATE	40	Liquid	
ALPHA OLEFIN SULFONATES					
BIO-TERGE® AS-40	●	● SODIUM C14-16 OLEFIN SULFONATE	39	Liquid	Alpha olefin sulfonates are used in shampoos, hand soaps, facial cleansers and bath products. They are more stable than alcohol sulfates over a broad pH range. Provide excellent flash foam. AS-40 CG-P tends to build higher viscosity and is preserved with Phenonip.
BIO-TERGE® AS-40 CG-P	●	● SODIUM C14-16 OLEFIN SULFONATE	39	Liquid	
BIO-TERGE® AS-90 BEADS	●	● SODIUM C14-16 OLEFIN SULFONATE	90	Powder	
ALKYL BENZENE SULFONATES					
BIO-SOFT® N-300	●	● TEA DODECYLBENZENE SULFONATE	60	Liquid	For oily hair shampoos. Provide effective removal of oil without stripping hair.
BIO-SOFT® TDBS 60	●	● TEA DODECYLBENZENE SULFONATE	60	Liquid	
ALKYL ETHER SULFATES					
STEOL® CS-170	● ● ● ●	● SODIUM LAURETH SULFATE, 1 MOLE EO	70	Mobile Gel	Used in shampoos and bath products. These products are excellent foamers regardless of water hardness. Sodium laureth sulfate has low skin irritation properties making it suitable for mild cleansing as well as baby products. Products are to high active mobile gels, range from one EO to three EO units, are produced from both natural and synthetic feedstocks and also vary by their preservative systems.
STEOL® CS-270	● ● ● ●	● SODIUM LAURETH SULFATE, 2 MOLES EO	70	Mobile Gel	
STEOL® CS-370	● ● ● ●	● SODIUM LAURETH SULFATE, 3 MOLES EO	70	Mobile Gel	
CEDEPAL® TD-403 MFLD	●	● SODIUM TRIDECETH SULFATE	30	Liquid	Mild alkyl ether sulfates for use in baby shampoos and bath products. Excellent wetting and foaming properties.
CEDEPAL® TD-403 MKLD	● ●	● SODIUM TRIDECETH SULFATE	30	Liquid	
CEDEPAL® TD-407	●	● SODIUM TRIDECETH SULFATE	73	Liquid	
STEOL® CA-230-D	●	● AMMONIUM LAURETH SULFATE, 2 MOLES EO	25	Liquid	Excellent surfactants for low pH, clear gel or liquid shampoos, bath and cleansing products. Excellent foamers for giving high and consistent viscosity response. Ammonium laureth sulfates can be used in children's products due to their low skin irritation properties.
STEOL® CA-330	● ●	● AMMONIUM LAURETH SULFATE, 3 MOLES EO	28	Liquid	
STEOL® CA-330-E	● ● ●	● AMMONIUM LAURETH SULFATE, 3 MOLES EO	25	Liquid	

PERSONAL CARE

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION			APPLICATIONS	
ALPHA SULFO METHYL ESTERS						
ALPHA-STEP® PC-48	●	SODIUM METHYL 2-SULFOLAURATE (AND) DISODIUM 2-SULFOLAURATE	39	Liquid	Useful when formulating high foaming, high active personal care products such as body wash. These products have excellent hard water tolerance.	
ALPHA-STEP® MC-48	●	SODIUM METHYL 2-SULFOLAURATE (AND) DISODIUM 2-SULFOLAURATE	37	Liquid		
ALPHA-STEP® BSS-45	●	SODIUM METHYL 2-SULFOLAURATE (AND) DISODIUM 2-SULFOLAURATE	42	Liquid		Used in personal care products especially in toilet combo soap bars.
SULFOACETATES						
LATHANOL® LAL COARSE	●	SODIUM LAURYL SULFOACETATE	65	Powder	Versatile, mild products for use in powdered bubble baths, cream and paste shampoos, cleansing creams and syndet bars. Provide excellent foaming and viscosity response.	
LATHANOL® LAL FLAKE	●	SODIUM LAURYL SULFOACETATE	65	Flake		
LATHANOL® LAL POWDER	●	SODIUM LAURYL SULFOACETATE	65	Powder		
SULFOSUCCINATES						
STEPAN-MILD® SL3-BA	●	●	DISODIUM LAURETH SULFOSUCCINATE	32	Liquid	Used in low irritation shampoos, bubble baths and hand soaps. Good foamer. Can be used in formulations as a primary or secondary surfactant.
ALKANOLAMIDES						
NINOL® 40-CO	●	●	COCAMIDE DEA	100	Liquid	Foam boosters and viscosity enhancers for many personal care products including shampoos, body washes and hand soaps. The NINOL 40-CO series are derived from whole coconut oil and contain glycerin. The 49-CE and 49CE-E series are made from methyl esters and do not contain glycerin.
NINOL® COMF-N	●	●	COCAMIDE MEA	100	Flake	Monoethanolamides are used for enhancing foam stability and viscosity response at low levels of electrolytes.
AMINE OXIDES						
AMMONYX® LO	●	●	LAURAMINE OXIDE	30	Liquid	Can be formulated with anionic, cationic and nonionic products. Amine oxides are mildly cationic under acidic conditions. Used in shampoos, bubble baths, hand soaps and conditioners for their conditioning, foam stabilizing, viscosity building and emolliency properties. The lower alkyl chain products provide foam boosting and stabilization. Those with higher molecular weight provide softness and conditioning. LMDO is a particularly good viscosity builder and foam stabilizer.
AMMONYX® LO SPECIAL	●	●	LAURAMINE OXIDE	30	Liquid	
AMMONYX® MO	●	●	MYRISTAMINE OXIDE	30	Liquid	
AMMONYX® M	●	●	MYRISTYLAMINE OXIDE	25	Liquid	
AMMONYX® MC 30	●	●	MYRISTYLAMINE OXIDE	30	Liquid	
AMMONYX® MCO	●	●	MYRISTYL/CETYL AMINE OXIDE	30	Liquid	
AMMONYX® C	●	●	COCAMINE OXIDE	30	Liquid	
AMMONYX® CO	●	●	CETAMINE OXIDE	30	Paste	
AMMONYX® SO	●	●	STEARAMINE OXIDE	25	Paste	
AMMONYX® CDO SPECIAL	●	●	COCOAMIDOPROPYLAMINE OXIDE	32	Liquid	
AMMONYX® LMDO	●	●	LAURYL/MYRISTYLAMIDOPROPYL DIMETHYLAMINE OXIDE	33	Liquid	
PROPIONATES AND AMPHOACETATES						
AMPHOSOL® 2CSF	●	DISODIUM COCOAMPHODIPROPIONATE	39	Liquid	Extremely mild, secondary surfactant. Does not contain salt. Reduces the overall irritation index of finished formulations. Commonly used for baby products.	
STEPAN-MILD® BSB	●	PEG 80 SORBITAN LAURATE/SODIUM TRIDECETH SULFATE/COCAMIDOPROPYL BETAINE	42	Liquid	Formulated surfactant concentrates for pearlized and clear shampoos, mild shampoos, body washes and bath products.	
STEPAN-MILD® LSB	●	SODIUM LAURYL SULFOACETATE/DISODIUM LAURETH SULFOSUCCINATE	33	Liquid		
CATIONICS						
AMMONYX® 4	●	STEARKONIUM CHLORIDE	18	Paste	Provide conditioning, softening and emolliency characteristics. Used in hair conditioners, rinses, skin creams and lotions. Also used as cationic emulsifiers	
AMMONYX® SDBC	●	STEARAMIDOPROPALKONIUM CHLORIDE	62	Liquid	Used in hair conditioning systems, creams and lotions and as an antistatic agent.	
STEPANQUAT® 50 NF	●	n-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	50	Liquid	Benzalkonium chloride solutions for cosmetic and pharmaceutical applications.	
STEPANQUAT® 65 NF	●	n-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	50	Liquid		
STEPANQUAT® GA-90	●	DIPALMITOYLETHYL HYDROXYETHYLAMMONIUM METHOSULFATE	90	Paste	Primary emulsifier and conditioning agent as well as film foamer. Used in hair conditioners, creams and lotions.	
STEPANQUAT® ML	●	QUATERNIUM-82	95	Liquid	Used as a conditioning agent for hair and skin applications. Emulsifying agent and used for static control.	

PERSONAL CARE

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION	ACTIVE%	FORM AT 25°C	APPLICATIONS
SPECIALTIES					
STEPAN® 745 GC	●	PEG/PPG-6/2 GLYCERYL COCOATE	100	Liquid	Naturally-derived, high HLB ingredient offering good compatibility with aqueous systems, conditioning properties and viscosity build with minimum effect on foaming. Exhibits clarity and can be incorporated via cold mix. Used in liquid soaps, bath and body washes, facial cleansers, 2-in-1 and regular shampoos.
STEPAN-MILD® GCC	●	GLYCERYL CAPRYLATE/CAPRATE	100	Paste	Natural, food-grade thickener for liquid soaps, bath and body washes, facial cleansers, skin creams and lotions, shampoos/conditioners. Offers comparable viscosity performance and foam enhancement versus traditional thickeners. Incorporation via cold mix and EO/PO-free. May also function as an MEA amide and DEA amide replacement.
STEPAN-MILD® L3	●	LAURYL LACTYL LACTATE	100	Liquid	Naturally-derived, multi-functional secondary surfactant for liquid soaps, bath and body washes, facial cleansers, soap bars, skin creams and lotions and shampoo/conditioners. STEPAN-MILD® L3 is mild, sulfate-free and contains no salt or nitrogen derivatives. Maintains foam, viscosity build and moisturization at reduced actives. Improves foam, viscosity build, moisturization and active ingredient solubilization at same actives level.
STEPAN® SLL-FB	●	SODIUM LAUROYL LACTYLATE	100	Solid	Naturally-derived, multi-functional products. Skin feel enhancers, humectants, moisturizers and emulsifiers. Can be used in a wide variety of personal care products such as body washes, soap bars, liquid soap, facial cleansers, creams and lotions, hair shampoos, hair rinses and hair conditioners.
STEPAN® SSL-CG	●	SODIUM STEAROYL LACTYLATE	100	Flake	
SPECIALTY ESTERS					
NEOBEE® M-5 COSMETIC	●	CAPRYLIC/CAPRIC TRIGLYCERIDE	100	Liquid	Derived from edible vegetable oils. Medium chain triglycerides are used in creams and lotions, bath oils, lipsticks and make-up bases as emollients, lubricants and solubilizing agents.
NEOBEE® M-20	●	PROPYLENE GLYCOL/DICAPRYLATE/DI-CAPRATE	100	Liquid	
STEPAN® 3T	●	TRIMETHYLOLPROPANE TRICAPRYLATE/TRI-CAPRATE POLYOL ESTER	100	Liquid	Emollients, feel enhancers and solubilizing agents for creams and lotions, bath oils, make-ups, suntan lotions, hair conditioners, hair preparations and more.
STEPAN® PTC	●	PENTAERYTHRITYL TETRACAPRYLATE/TET-RACAPRATE	100	Liquid	
WECOBEE® M	●	HYDROGENATED VEGETABLE OIL	100	Solid	Derived from edible vegetable oils. Used as a replacement for cocoa butter in cosmetic products.
WECOBEE® S	●	HYDROGENATED VEGETABLE OIL	100	Flake	



LAUNDRY & CLEANING

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION	ACTIVE%	FORM AT 25°C	APPLICATIONS
ALKANOLAMIDES					
NINOL® 40-CO	●	● COCAMIDE DEA	100	Liquid	Foam boosters and viscosity enhancers for liquid detergents. The NINOL 40-CO line is derived from whole coconut oil and contains glycerin.
NINOL® 30-LL	●	● LAURAMIDE DEA	100	Liquid	
NINOL® 55-LL	●	● LAURAMIDE DEA	100	Liquid	
NINOL® 96-SL	●	● LAURAMIDE DEA	100	Solid	
NINOL® COMF-N	●	● ● COCAMIDE MEA	100	Flake	Monoethanolamides are used for enhancing foam stability and viscosity response at low levels of electrolytes.
NINOL® 1281	●	● COCAMIDE DEA, MODIFIED	100	Liquid	
ALKOXYLATES					
MAKON® NF-12	●	● LAURYL ALCOHOL ALKOXYLATE	100	Liquid	Non-foaming, wetting agents for mechanical dishwash detergents and metal cleaning.
BIO-SOFT® TA-2	●	● TALLOW AMINE ETHOXYLATE, POE-2	96	Viscous Liquid	Functions primarily as an acid thickener. Ideal for acid cleaners used on vertical surfaces and provides added benefits such as wetting, foam, emulsification and corrosion inhibition.
BIO-TERGE® PAS-7S	●	● ● SODIUM ALKANE SULFONATE	40	Liquid	Solubilizing, scouring, wetting, hydrotropic, low foaming agents that are stable in strong acid, alkaline, oxidizing and chlorinated systems. Used in steam carpet cleaners, all-purpose cleaners and a wide variety of hard surface cleaners.
BIO-TERGE® PAS-8S	●	● SODIUM OCTANE SULFONATE	38	Liquid	
BIO-SOFT® D-40	●	● ● SODIUM DODECYLBENZENE SULFONATE, LINEAR	40	Liquid	Basic surfactants for household, industrial/institutional cleaners including laundry and dishwashing detergents, all-purpose cleaners, vehicle cleaning compounds and heavy-duty commercial and industrial cleaners. Offer good detergency, high foam, wetting and emulsification. The TEA salt is more water soluble than the sodium salt.
NACCONOL® 90G	●	● SODIUM DODECYLBENZENE SULFONATE, LINEAR	90	Powder	Powdered surfactants used as general detergents, foamers and wetting agents. General purpose surfactants for dry products.
BIO-SOFT® N-411	●	● ISOPROPYLAMINE DODECYLBENZENE SULFONATE, LINEAR	88	Liquid	Surfactants for emulsions, degreasers, laundry prespotters, dry cleaning products, paint strippers, waterless hand cleaners and other hard surface cleaners.
NINATE® 411	●	● ISOPROPYLAMINE DODECYLBENZENE SULFONATE, BRANCHED	90	Liquid	Anionic surfactants ideal for emulsification in oil/solvent based systems.
BIO-SOFT® S-101	●	● ● ALKYL BENZENE (C11.4) SULFONIC ACID, LINEAR	97	Liquid	Sulfonic acids are economical and versatile biodegradable surfactant intermediates used in all types of household cleaners, industrial/institutional cleaners, laundry, dishwasher, carwash degreasers, hard surface and general-purpose detergents. Their water solubility varies with carbon chain length, 2-phenyl content and the base used for neutralization. Increasing chain length and lowering 2-phenyl content make sulfonic acids less water soluble. Effective surfactants in acidic products such as liquid bowl, aluminum and dairy cleaners in their unneutralized form. When neutralized, water solubility varies by cation.
BIO-SOFT® S-120LP	●	● ● ALKYL BENZENE (C12.0) SULFONIC ACID, LINEAR	96	Liquid	

LAUNDRY & CLEANING

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION	ACTIVE%	FORM AT 25°C	APPLICATIONS	
ALKYL ETHER SULFATES						
STEOL® CS-370	●	● SODIUM LAURETH SULFATE, 3 MOLES EO	70	Mobile Gel	Used in detergents, dishwash, laundry products, car wash applications and industrial and institutional cleaners. In general, ether sulfates offer good grease-cutting properties with excellent flash foaming regardless of water hardness. Available in a variety of actives and ethoxylation levels as well as salt types.	
STEOL® CS-270	● ● ●	● SODIUM LAURETH SULFATE, 2 MOLES EO	70	Mobile Gel		
STEOL® CS-170	●	● SODIUM LAURETH SULFATE, 1 MOLE EO	70	Mobile Gel		
ALKYL SULFATES						
STEPANOL® WA-EXTRA	● ●	● SODIUM LAURYL SULFATE	30	Liquid	Sodium lauryl sulfates are typically used in rug shampoos, dishwash formulations, fruit washing, laundry detergents and fine fabric wash. The solid forms of sodium lauryl sulfate are used in powdered and tablet cleaners, concentrated and compact laundry powders and tablets. Sodium lauryl sulfates provide high foam, low cloud point, excellent detergency, good viscosity response and are readily solubilized in cooler water. They are also used in opaque, pearlescent or cream products.	
STEPANOL® ME-DRY	●	● SODIUM LAURYL SULFATE	93	Powder		
STEPANOL® DCX	●	● SODIUM LAURYL SULFATE	92	Needles		
STEPANOL® DX-165	●	● SODIUM LAURYL SULFATE	93	Flake		
STEPANOL® DX-165	●	● SODIUM LAURYL SULFATE	93	Needles		
STEPANOL® DX-165	●	● SODIUM LAURYL SULFATE	93	Powder		
STEPANOL® DCFAS-F		● SODIUM COCO-SULFATE	90	Flake	High active, dry, broad cut coco fatty alcohol sulfate available in flake, needle and powder form. Provides stable foam, good viscosity building and detergency in liquid dish and laundry applications.	
STEPANOL® DCFAS-N		● SODIUM COCO-SULFATE	90	Needles		
STEPANOL® DCFAS-P		● SODIUM COCO-SULFATE	90	Granular Powder		
STEPANOL® WAT-E	●	● TEA LAURYL SULFATE	40	Liquid	Used in household detergents and industrial cleaning applications. Excellent foamers that can be used in clear products where low temperature clarity is important.	
ALPHA OLEFIN SULFONATES						
BIO-TERGE® AS-40	●	● SODIUM C14-16 OLEFIN SULFONATE	40	Liquid	Provides excellent foaming characteristics and is more stable than alcohol sulfates over a broad pH range. Can be used in a variety of household and industrial/institutional applications such as laundry detergents, dishwash, car wash and light-duty liquids.	
ALPHA-STEP® MC-48	●	● SODIUM METHYL 2-SULFOLAURATE (AND) DISODIUM 2-SULFOLAURATE	37	Liquid	Versatile foaming agent displaying hydrotropic characteristics. Naturally-derived and readily biodegradable detergency.	
ALPHA-STEP® PC-48	●	● SODIUM METHYL 2-SULFOLAURATE (AND) DISODIUM 2-SULFOLAURATE	39	Liquid		
AMINE OXIDES						
AMMONYX® DO	●	● DECYLAMINE OXIDE	30	Liquid	Dimethylamine oxides are foam boosters, foam stabilizers, detergency enhancers, grease removers and viscosity modifiers. They are used in household and industrial/institutional markets in a variety of formulations. They can be used in dishwash, laundry, carwash and hard surface cleaners. They are both hypochlorite and hydrogen peroxide stable.	
AMMONYX® LO	● ●	● LAURAMINE OXIDE	30	Liquid		
AMMONYX® LO SPECIAL	●	● LAURAMINE OXIDE	30	Liquid		
AMMONYX® M	●	● MYRISTYLAMINE OXIDE	25	Liquid		
AMMONYX® MC-30	●	● MYRISTYLAMINE OXIDE	30	Liquid		
AMMONYX® MO	●	● MYRISTAMINE OXIDE	30	Liquid		
AMMONYX® MCO	●	● MYRISTYL/CETYL AMINE OXIDE	30	Liquid		
AMMONYX® CO	●	● CETAMINE OXIDE	30	Paste		
AMMONYX® SO	●	● STEARAMINE OXIDE	25	Paste		
AMMONYX® LMDO	●	● LAURAMIDOPROPYLAMINE OXIDE	33	Liquid		Amidopropylamine oxides are good foam boosters, foam stabilizers, detergency enhancers, grease removers and viscosity modifiers. Tend to have a higher salt tolerance than the dimethylamine oxides. Can be used in dishwash, laundry, carwash and hard surface cleaners. Not hypochlorite stable.
AMMONYX® CDO SPECIAL	●	● COCOAMIDOPROPYLAMINE OXIDE	32	Liquid		
CATIONIC SURFACTANTS						
AGENT 2119-86	●	● BENZALKONIUM CHLORIDE	77	Liquid		Quaternary compounds used for deodorization, odor control and general surfactant properties for hard surface cleaning.
AGENT 2248-14	●	● MYRISTALKONIUM CHLORIDE (AND) QUATERNIUM 14	50	Liquid		
STEPANQUAT® 200	●	● HEXAHYDRO 1,3,5-TRIS (2-HYDROXYETHYL)-S-TRIAZINE	79	Liquid		
STEPANQUAT® 1010	●	● QUATERNIUM 12	50	Liquid		
STEPANQUAT® 1010-80%	●	● QUATERNIUM 12	80	Liquid		
STEPANQUAT® 1210-80%	●	● QUATERNIUM 12 AND BENZALKONIUM CHLORIDE	80	Liquid		
STEPANQUAT® 2125M P40	●	● MYRISTALKONIUM CHLORIDE (AND) QUATERNIUM 14	40	Powder		
STEPANQUAT® 8358	●	● BENZALKONIUM CHLORIDE	80	Liquid		
STEPANQUAT® 885	●	● QUATERNIUM 24 AND BENZALKONIUM CHLORIDE	50	Liquid		
STEPANQUAT® 888	●	● QUATERNIUM 24 AND BENZALKONIUM CHLORIDE	80	Liquid		

LAUNDRY & CLEANING

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION	SOLIDS%	FORM AT 25°C	APPLICATIONS
HYDROTROPES					
STEPANATE® SXS	●	SODIUM XYLENE SULFONATE	40	Liquid	Used in detergents, dishwash formulations and hard surface cleaners in both the household and industrial/institutional markets. Are used as solubilizers, coupling agents, cloud point depressants and viscosity reducers. Solid versions are also used as anti-caking agents in powdered detergents.
STEPANATE® SXS-93	● ●	SODIUM XYLENE SULFONATE	93	Powder	
STEPANATE® SCS	●	SODIUM CUMENE SULFONATE	45	Liquid	
STEPANATE® SCS-40	●	SODIUM CUMENE SULFONATE	40	Liquid	
STEPANATE® SCS-40 E	● ●	SODIUM CUMENE SULFONATE	40	Liquid	
STEPANATE® SCS-93	● ●	SODIUM CUMENE SULFONATE	93	Powder	
STEPANATE® AXS	● ●	AMMONIUM XYLENE SULFONATE	40	Liquid	
STEPANATE® STS-40	● ●	SODIUM TOLUENE SULFONATE	40	Liquid	
STEPANATE® STS-90	● ●	SODIUM TOLUENE SULFONATE	90	Powder	
STEPANATE® SPCS 40	●	SODIUM CUMENE SULFONATE AND SODIUM POTASSIUM SULFONATE BLEND	40	Liquid	Possesses characteristics of a traditional hydrotrope while providing a lower crystallization point than standard SCS.
METHYL ESTERS					
STEPOSOL® C-25	●	METHYL CAPRYLATE/CAPRATE BLEND (TYPICAL 2% C6, 60% C8, 37% C10, 1% C12 OR HIGHER)	100	Liquid	Steposol C-series are fractionated methyl esters of fatty acids derived from vegetables oils. Can be used as either solvents or co-solvents in general and I&I applications.
STEPOSOL® C-42	●	METHYL LAURATE/METHYL MYRISTATE BLEND (TYPICAL 1% C10 OR LOWER, 72% C12, 26% C14, 1% C16 OR HIGHER)	100	Liquid	
STEPOSOL® C-65	●	METHYL PALMITATE/OLEATE BLEND (TYPICAL 0.5% C12, 2.5% C14, 45% C16, 52% C18)	100	Liquid	C-66 can be used as a paraffin wax replacement in candles.
STEPOSOL® C-66	●	METHYL PALMITATE/OLEATE BLEND (TYPICAL 0.5% C12, 2.5% C14, 45% C16, 52% C18)	100	Solid	
STEPOSOL® ROE-W	● ●	CANOLA OIL, METHYL ESTER	100	Liquid	Methyl esters derived from vegetable oils for use in solvent, degreasing and cleaning applications. Naturally-derived solvent replacement or co-solvent with naphtha, d-limonene, kerosene and mineral spirits. SB-D is distilled (lighter in color) and SB-W is water-washed (lower in odor). ROE-W is water-washed and has a better cloud point than soy-based products.
STEPOSOL® SB-D	●	SOYBEAN OIL, METHYL ESTER	100	Liquid	
STEPOSOL® SB-W	●	SOYBEAN OIL, METHYL ESTER	100	Liquid	
STEPOSOL® SC	●	METHYL SOYATE/ETHYL LACTATE BLEND	100	Liquid	Naturally-derived and ideal for aggressive solvent cleaning, paint stripping. May be used as a partial or drop-in replacement for d-limonene and halogenated hydrocarbons. No heavy residue and water-rinsable.
PHOSPHATE ESTERS					
CEDEPHOS FA-600	●	ALKYL ETHER PHOSPHATE	100	Liquid	Acid form of complexed phosphate ester. Excellent hydrotrope for nonionic surfactants in alkali cleaners, corrosion inhibitors and pigment dispersants. Especially suitable for heavy duty industrial and household alkaline cleaner, soak tank formulations.
STEPFAC 8170	●	NONYLPHENOL ETHOXYLATE PHOSPHATE ESTER, POE-10	100	Liquid	Acid form of phosphate ester. Excellent hydrotrope for nonionic surfactants in alkali cleaners, corrosion inhibitors and pigment dispersants.
PROPIONATES					
AMPHOSOL® 160C-30	●	SODIUM LAURIMINODIPROPIONATE	30	Liquid	Useful in applications such as wax strippers, oven cleaners and steam cleaners. Low viscosity builders, good wetting agents and couplers.
AMPHOSOL® 2CSF	●	DISODIUM COAMPHODIPROPIONATE	39	Liquid	
SULTAINES					
AMPHOSOL® CS-50	●	COCAMIDOPROPYL HYDROXSULTAINE	50	Liquid	A secondary surfactant, foam booster and viscosity builder. Compatible with anionics, cationics and nonionics. Used in all-purpose, heavy-duty industrial cleaners, metal cleaners and paint strippers.



FABRIC SOFTENERS

PRODUCT	MFG. REGION	ALKYL GROUP	FORM AT 25°C	POUR POINT °C	APPLICATIONS
DIAMIDOAMINE QUATERNARIES					
ACCOSOFT® 501	●	TALLOW	Viscous Liquid	20	The 500 series quats are useful in the industrial, household and textile industries. They offer good rewet and are non-yellowing. 501 can be used in dispersions up to 30% solids. 550-75 is readily pumpable at room temperature. 550-90% HF has a flash point >200F with DEG as the solvent. It can be used in dispersions up to 20% solids.
ACCOSOFT® 550-75%	●	TALLOW	Liquid	12	
ACCOSOFT® 550-90% HF	●	TALLOW	Paste	40	
ACCOSOFT® 750	●	SOY	Liquid	10	For use in the household and textile markets for clear detergent/softeners. Vegetable based and liquid at room temperature. 780 PG utilizes propylene glycol as a high flash solvent.
ACCOSOFT® 780 PG	●	CANOLA	Liquid	15	
ACCOSOFT® 440-75%	●	HYDROGENATED TALLOW	Solid	45	For use in household, commercial and textile industries. Premium softening. Offers good lubricity and heat resistance. Non-yellowing.
IMIDAZOLINE QUATERNARIES					
ACCOSOFT® 808	●	TALLOW	Liquid	11	The 808 series can be used in household and industrial softeners. Imparts a soft, full hand to fabrics and reduces static cling.
ACCOSOFT® 808-90%	●	TALLOW	Viscous Liquid	21	
DIESTER QUATERNARIES					
STEPANTEX® VK 90	●	● TALLOW	Paste	33	The STEPANTEX series are high quality fabric softener ester quats for use in household and commercial products. Can be used to formulate a full range of dispersion concentrations. Provide excellent softening and good rewet. These are non-yellowing and readily biodegradable.
STEPANTEX® VT-90		● ● TALLOW	Paste	33	
STEPANTEX® VA 90		● TALLOW	Paste	35	
STEPANTEX® VL 90 A		● TALLOW	Paste	35	
STEPANTEX® SP90		● ● PALM	Paste	30	
STEPANTEX® DC 90		● RAPESEED	Liquid	5	
SPECIALTY QUATERNARIES					
SO/SAN® 30M	●	BLEND PRODUCT	Liquid	12	Quaternary fabric softener/ antimicrobial blend for manufacturing fabric softener/ sanitizers for the I&I and household markets.

ANTIMICROBIALS

PRODUCT	MFG. REGION	EPA Reg. #/ Canada PCP #	CHEMICAL DESCRIPTION	ACTIVE%	FORM AT 25°C	APPLICATIONS
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDES (ADBAC)						
BTC® 8358 F	●			80	Liquid	
ONYXIDE® 3300	●	1839-68	n-ALKYL (50% C14, 40% C12, 10% C16) DIMETHYL BENZYL AMMONIUM CHLORIDES	95	Solid	Especially useful in aerosol disinfectant/sanitizer formulations.
ALKYL DIMETHYL BENZYL/ETHYL BENZYL AMMONIUM CHLORIDES (ADBAC/ADEBAC BLEND)						
BTC® 2125M	●	1839-46 21337 (PCP)	n-ALKYL (60% C14, 30% C16, 5% C12, 5% C18) DIMETHYL BENZYL AMMONIUM CHLORIDES	50	Liquid	Provides a broad spectrum of bacteriological control at an economical cost. Used in the formulation of disinfectant and sanitizer formulations for use in hospitals, public institutions and industry.
BTC® 2125M-80%	●	1839-54 21407 (PCP)	(AND) n-ALKYL (68% C12, 32% C14) DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDES	80	Liquid	
BTC® 2125M NA	●	1839-46		50	Liquid	
BTC® 2125M-P40	●	1839-55 26058 (PCP)		40	Powder	
BTC 2125 M 50				50	Liquid	
BTC® 2125M 80 E				80	Liquid	
BTC® 2125 IP80				80	Liquid	
DIALKYL DIMETHYL AMMONIUM CHLORIDES (DDAC)						
BTC® 1010	● ●	1839-63 26159 (PCP)	DIDECYL DIMETHYL AMMONIUM CHLORIDES	50	Liquid	Quaternary actives for use in the formulation of hard surface disinfectants, sanitizers, fungicides, swimming pool algaecides, industrial water treatment microbiocides and wood sapstain control agents.
BTC® 1010-80%	● ●	1839-135 25106 (PCP)		80	Liquid	
SPECIALTIES						
ONYXIDE® 200 PRESERVATIVE	●	1839-99	HEXAHYDRO 1,3,5-TRIS (2 HYROXYETHYL)-S- TRIAZINE	79	Liquid	Preservative for metal working fluids, oil field drilling and completion fluids, fracturing fluids and enhanced oil recovery applications. In-can preservative for water-based emulsions and paints.

BTC®2125M SERIES, BTC®1010 SERIES, BTC®818 SERIES, BTC®824 SERIES, BTC®835 SERIES, BTC®885 SERIES AND BTC®1210-80% QUATERNARIES ARE CLEARED (IN THE US), UNDER 40 CFR 180.940, FOR USE IN FOOD CONTACT SURFACE SANTIZER PRODUCTS WITHOUT A POTABLE WATER RINSE.

CATIONIC SURFACTANTS MARKETED UNDER THE STEPANQUAT® OR AS AGENTS FOR USE AS DEODORIZERS, H2S SCAVENGERS, CORROSION INHIBITORS, FOAM PRODUCING AGENTS AND SURFACE TENSION REDUCERS CAN BE FOUND IN THE INDIVIDUAL MARKET SECTIONS IN THIS CATALOG.



AGRICULTURAL

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION	CAS NO.	ACTIVE%	FORM AT 25°C	APPLICATIONS
ALKYL BENZENE SULFONATES						
NINATE® 60E	● ● ●	CALCIUM ALKYL BENZENE SULFONATE, LINEAR	68584-23-6 26264-06-2(ALT)	60	Liquid	Anionic surfactants used in combination with nonionic surfactants to form effective emulsifier systems for many pesticide emulsifiable concentrate formulations.
NINATE® 60L	● ● ●	CALCIUM ALKYL BENZENE SULFONATE, LINEAR	68584-23-6 26264-06-2(ALT)	60	Liquid	
NINATE® 70B	● ●	CALCIUM ALKYL BENZENE SULFONATE, LINEAR	68584-23-6 26264-06-2(ALT)	70	Liquid	
AMINE OXIDES						
AMMONYX® CO	● ●	CETAMINE OXIDE	7128-91-8	30	Paste	Foamers, wetters, emulsifiers and viscosity agents.
AMMONYX® DO	● ●	DECYLAMINE OXIDE	2605-79-0	30	Liquid	
AMMONYX® LO	● ● ●	LAURAMINE OXIDE	1643-20-5	30	Liquid	
AMMONYX® M	● ● ●	MYRISTYLAMINE OXIDE	3332-27-2	25	Liquid	
AMMONYX® MC-30	● ● ●	MYRISTYLAMINE OXIDE	3332-27-2	30	Liquid	
AMMONYX® MCO	● ● ●	MYRISTYL/CETYL AMINE OXIDE	68955-55-5	30	Liquid	
AMMONYX® MO	● ● ●	MYRISTAMINE OXIDE	3332-27-2	30	Liquid	
AMMONYX® SO	● ● ●	STEARAMINE OXIDE	2571-88-2	25	Paste	
DISPERSANTS/WETTING AGENTS						
STEPSPERSE® DF-200	●	ANIONIC/LIGNOSULFONATE BLEND	NA	100	Powder	Dispersing agents used in dry flowables.
STEPSPERSE® DF-500	●	ANIONIC/LIGNOSULFONATE BLEND	NA	100	Powder	
STEPWET® DF-90	●	SODIUM DODECYLBENZENE SULFONATE, LINEAR	25155-30-0	93	Powder	Powdered wetting agent used in dry flowables.
STEPWET® DF-95	● ●	SODIUM LAURYL SULFATE	151-21-3	93	Powder	Solid, powdered wetting agents used in dry flowables.
EMULSIFIER BLENDS						
TOXIMUL® 3473F	● ●	SULFONATE/NONIONIC SURFACTANT BLEND	NA	10	Liquid	High flash, linear Calcium Sulfonate, non-APE emulsifier blends. Used in pairs with other 3470F series products.
TOXIMUL® 3474F	● ●	SULFONATE/NONIONIC SURFACTANT BLEND	NA	6	Liquid	
TOXIMUL® 3476F	● ●	SULFONATE/NONIONIC SURFACTANT BLEND	NA	8	Liquid	
TOXIMUL® 3479F	● ●	SULFONATE/NONIONIC SURFACTANT BLEND	NA	13	Liquid	
EO/PO BLOCK COPOLYMERS						
STEP-FLOW® 26F	●	POLYALKYLENE OXIDE BLOCK COPOLYMER	9003-11-6	13	Liquid	Provide dispersing and wetting properties to increase the fluidity of flowable suspension concentrates. 26F contains a fluidizing agent for ease of handling.
TOXIMUL® 8320	●	BUTYL BASED BLOCK COPOLYMER	9038-95-3	12	Liquid	Used to emulsify systems heavy in chlorinated solvents and pesticides. Has a lowered pour point to reduce handling problems.
TOXIMUL® 8323	●	POLYALKYLENE OXIDE BLOCK COPOLYMER	9003-11-6	17	Paste	Used as a nonionic surfactants in emulsifier blend formulations.
ETHER SULFATES						
STEOL® TSP-16N	●	ETHOXYLATED POLYARYL PHENOL SULFATE, AMMONIUM SALT	119432-41-6	95	Viscous Liquid	Anionic surfactants for many pesticide formulations.
CEDEPAL® TD-407	●	SODIUM TRIDECETH SULFATE	25446-78-0	72	Liquid	

AGRICULTURAL

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION	CAS NO.	ACTIVE%	FORM AT 25°C	APPLICATIONS
ETHER SULFATES						
TOXIMUL® TAABS-5	●	ALCOHOL ETHER SULFATE TALLOW AMINE ETHOXYLATE, POE-5 SALT	NA	100	Liquid	The TAABS series are non-APE, low solvent anionic replacements used alone or in conjunction with nonionic surfactants to provide excellent emulsification.
TOXIMUL® TAABS-8	●	ALCOHOL ETHER SULFATE TALLOW AMINE ETHOXYLATE, POE-8 SALT	NA	100	Liquid	
TOXIMUL® TANS-15	●	ALKYLPHENOL ETHER SULFATE/TALLOW AMINE ETHOXYLATED SALTS	NA	100	Liquid	The TANS series are low to no solvent anionic surfactant replacements. These products provide excellent emulsification when used alone or in combination with other nonionic surfactants.
TOXIMUL® TANS-5	●	ALKYLPHENOL ETHER SULFATE/TALLOW AMINE ETHOXYLATED SALTS	NA	100	Liquid	
TOXIMUL® TANS-6	●	ALKYLPHENOL ETHER SULFATE/TALLOW AMINE ETHOXYLATED SALTS	NA	100	Liquid	
TOXIMUL® TANS-8	●	ALKYLPHENOL ETHER SULFATE/TALLOW AMINE ETHOXYLATED SALTS	NA	100	Liquid	
ETHOXYLATED ALCOHOLS						
MAKON® TD-6	●	TRIDECYL ALCOHOL ETHOXYLATE, POE-6	24938-91-8	11	Liquid	Effective emulsifiers and emulsifier blend components for pesticide formulations. They are used as HLB variables in most formulations and show good emulsification properties over a wide HLB range.
MAKON® TD-18	●	TRIDECYL ALCOHOL ETHOXYLATE, POE-18	24938-91-8	16	Solid	
ETHOXYLATED ALKYL PHENOLS						
MAKON® TSP-16	●	TRISTYRYLPHENOL ETHOXYLATE, POE 16	99734-09-5 104376-75-2(ALT)	13	Liquid	MAKON TSP surfactants are versatile surfactants for use in EC and SC formulations.
MAKON® TSP-60	●	TRISTYRYLPHENOL ETHOXYLATE, POE 60	99734-09-5 104376-75-2(ALT)	18	Solid	
ETHOXYLATED CASTOR OILS						
TOXIMUL® 8240	●	CASTOR OIL ETHOXYLATE, POE-36	61791-12-6	13	Liquid	Used as emulsifiers for a variety of pesticide formulations. Can be used alone or in combination with other surfactants.
TOXIMUL® 8242	●	CASTOR OIL ETHOXYLATE, POE-40	61791-12-6	13	Liquid	
ETHOXYLATED FATTY ACIDS						
NINEX® MT-603	●	FATTY ACID ETHOXYLATE, POE-3	61791-00-2	6	Liquid	Effective emulsifiers and emulsifier blend components for pesticide concentrates. Relatively stable in alkaline and acidic media and can replace alcohol or alkyl phenol ethoxylates in many emulsifier formulations.
NINEX® MT-610	●	FATTY ACID ETHOXYLATE, POE-10	61791-00-2	12	Liquid	
NINEX® MT-615	●	FATTY ACID ETHOXYLATE, POE-15	61791-00-2	13	Liquid	
NINEX® MT-630F	●	FATTY ACID ETHOXYLATE, POE-30	67784-86-5	16	Liquid	
ETHOXYLATED SORBITOL ESTERS						
TOXIMUL® SEE-340	●	SORBITAL TRIOLEATE ETHOXYLATE, POE 20	61790-88-3	11	Liquid	Water dispersible surfactants used as nonionic surfactants in emulsifier blend formulations.
TOXIMUL® SEE-341	●	SORBITAL MONOOLEATE ETHOXYLATE, POE-20	9005-65-6	12	Liquid	
GLYPHOSATE SURFACTANTS						
AGENT 3109-6	● ● ●	BLEND	NA		Liquid	For use with Glyphosate.
TOXIMUL® 8363	● ● ●	NONIONIC SURFACTANT BLEND	NA	13	Liquid	
TOXIMUL® 8364	● ● ●	NONIONIC SURFACTANT BLEND	NA	13	Liquid	
PHOSPHATE ESTERS						
STEPFAC 8170	● ●	NONYLPHENOL ETHOXYLATE PHOSPHATE ESTER, POE-10	51811-79-1	100	Liquid	Acid form of phosphate esters. Agricultural emulsifiers.
STEPFAC 8171	● ●	NONYLPHENOL ETHOXYLATE PHOSPHATE ESTER, POE-6	51811-79-1	100	Liquid	
STEPFAC 8173	● ●	NONYLPHENOL ETHOXYLATE PHOSPHATE ESTER, POE-8	51811-79-1	100	Liquid	Used in high electrolyte systems. When used as a compatibility agent in liquid fertilizer systems it is superior to most anionic/nonionic surfactant blends. Used in emulsifiable and suspension concentrates
STEPFAC 8180	● ●	TRIDECYL ALCOHOL ETHOXYLATE PHOSPHATE ESTER, POE-3	9046-01-9	100	Liquid	Used in high electrolyte systems. Can be used as compatibility agents in liquid fertilizer systems. Can also be incorporated into many emulsifier blends.
STEPFAC 8181	● ●	TRIDECYL ALCOHOL ETHOXYLATE PHOSPHATE ESTER, POE-6	9046-01-9	100	Liquid	
STEPFAC 8182	● ●	TRIDECYL ALCOHOL ETHOXYLATE PHOSPHATE ESTER, POE-12	9046-01-9	100	Liquid	

AGRICULTURAL

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION	CAS NO.	ACTIVE%	FORM AT 25°C	APPLICATIONS
PHOSPHATE ESTERS						
STEPFAC TSP-PE	● ●	TRISTYRYLPHENOL ETHOXYLATE-POE 16 PHOSPHATE ESTER	90093-37-1	100	Liquid	Anionic emulsifiers or dispersants in a variety of agricultural applications, including suspension concentrates and other liquid formulation types.
STEPFAC TSP-PE-K	● ●	TRISTYRYLPHENOL ETHOXYLATE-POE 16 PHOSPHATE ESTER POTASSIUM SALT	163436-84-8		Liquid	
STEPFAC TSP-PE-N	● ●	TRISTYRYLPHENOL ETHOXYLATE-POE 16 PHOSPHATE ESTER TEA SALT	105362-40-1	100	Liquid	
SOLVENTS						
STEPAN® C-25	●	METHYL CAPRYLATE/CAPRATE BLEND (TYPICAL 2% C6, 60% C8, 37% C10, 1% C12 OR HIGHER)	68937-83-7	100	Liquid	Can be used as either a solvent or co-solvent crop oil or carrier oil in agricultural applications.
STEPAN® C-40	●	METHYL LAURATE (TYPICAL 96% C12, 4% C14)	11-82-0	100	Liquid	
STEPAN® C-42	● ●	METHYL LAURATE/METHYMYRISTATE BLEND (TYPICAL 1% C10 OR LOWER, 72% C12, 26% C14, 1% C16 OR HIGHER)	111-82-0 (and) 124-10-7			
STEPAN® C-65	●	METHYL PALMITATE/OLEATE BLEND (TYPICAL 0.5% C12, 2.5% C14, 45% C16, 52% C18)	67762-38-3	100	Liquid	Solvent or co-solvent, crop oil or carrier oil in agricultural applications. Vegetable based oil, very good oxidative properties.
STEPAN® ME	●	METHYL OLEATE, METHYL LINOLEATE	67784-80-9	100	Liquid	
STEPAN® ROE-W	● ●	CANOLA OIL, METHYL ESTER	67762-38-3	100	Liquid	
STEPAN®108	●	CAPRYLIC/CAPRIC TRIGLYCERIDE	73398-61-5	100	Liquid	Disubstituted amide which is EPA registered for use in pesticide formulations.
HALLCOMID M-8-10	●	[N,N-DIMETHYLOCTAMIDE (N,N-DIMETHYLCAPRYLAMIDE) AND N,N-DIMETHYLDECANAMIDE (N,N-DIMETHYLCAPRAMIDE)]	1118-92-9 (and) 14433-76-2	100	Liquid	
HALLCOMID M-10	●	[N,N-DIMETHYLDECANAMIDE (N,N-DIMETHYLCAPRAMIDE)]	14433-76-2	100	Liquid	
SULFONATES						
STEPANATE® AXS	● ●	AMMONIUM XYLENE SULFONATE	26447-10-9	40	Liquid	Solubilizers, coupling agents and viscosity modifiers.
STEPANATE® SXS	●	SODIUM XYLENE SULFONATE	1300-72-7	40	Liquid	
STEPANATE® SXS-30	● ●	SODIUM XYLENE SULFONATE	1300-72-7	30	Liquid	
STEPANATE® SXS-E	● ●	SODIUM XYLENE SULFONATE	1300-72-7	40	Liquid	
WETTING AGENTS						
STEPWET® DOS-70	● ●	SODIUM DIOCTYL SULFOSUCCINATE	577-11-7	70	Liquid	A very good wetting agent for aqueous systems (even at low concentrations) and for mineral dispersions. Can be a useful emulsifier for oil in water emulsions.
TOXIMUL® 8304	●	ALCOHOL ETHOXYLATE, POE-6	61827-42-7	100	Liquid	100% actives wetting agent for tank mix adjuvants.

METALWORKING

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION	SOLIDS%	FORM AT 25°C	APPLICATIONS
ALKANOLAMIDES					
NINOL® 40-CO	●	● COCAMIDE DEA	100	Liquid	Water soluble or dispersible products used as emulsifiers and corrosion inhibitors in cutting fluids, drawing compounds and cleaners.
BIO-SOFT® N1-3	●	LINEAR ALCOHOL ETHOXYLATE, POE-3	100	Liquid	
PHOSPHATE ESTERS					
ZELEC® NE	●	● ALCOHOL PHOSPHATE	100	Paste	Can be used as emulsifiers/lubricants in soluble oils, synthetic and semi-synthetic metalworking fluids. They produce very low surface tensions and Critical Micelle Concentration (CMC) values.
ZELEC® NK	●	● ALCOHOL PHOSPHATE	100	Paste	
ZELEC® TY	●	● ALCOHOL PHOSPHATE	50	Liquid	
SULFATES/SULFONATES					
STEOL® CA-460-E		● AMMONIUM LAURETH SULFATE, 3 MOLES EO	25	Liquid	Provide coupling of formulation components. Can impart corrosion inhibition and will assist in the emulsification of components in soluble oil formulations.
STEPANOL® AM-SP		● AMMONIUM LAURYL SULFATE			
STEPANOL® ME-DRY	●	● SODIUM LAURYL SULFATE	93	Powder	
STEPANATE® AXS	●	● AMMONIUM XYLENE SULFONATE	40	Liquid	Solubilizers, coupling agents, cloud point depressants and viscosity reducers.
STEPANATE® SCS	●	● SODIUM CUMENE SULFONATE	45	Liquid	
STEPANATE® SXS	●	● SODIUM XYLENE SULFONATE	40	Liquid	
BIO-TERGE® PAS-8S	●	● SODIUM OCTANE SULFONATE	38	Liquid	Provides wetting, detergency and low foam. Can be used to emulsify solvents such as d-limonene and soy methyl esters. Alkaline and acid stable.
TRIAZINE					
ONYXIDE® 200 PRESERVATIVE	●	● HEXAHYDRO-1,3,5 - TRIS(2-HYDROXYETHYL)-S-TRIAZINE	79	Liquid	EPA registered preservative for metalworking fluids. EPA REG# 1839-99

OIL FIELD

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION	ACTIVE %	FORM AT 25°C	APPLICATIONS	
FOAMERS						
ALPHA FOAMER®	●	●	AMMONIUM ALKYL ETHER SULFATE	58	Liquid	Foaming agents for a variety of applications including foam drilling, foam fracturing and unloading gas wells.
CEDEPAL® FA-406	●	●	AMMONIUM ALKYL ETHER SULFATE	60	Liquid	
STEPOSOL® CA-207	●		AMMONIUM ALKYL ETHER SULFATE	60	Liquid	Produces foam in soft or hard water and saturated brine solutions. Foams in the presence of oils or high concentrations of polyvalent cations.
STEPOSOL® CA-406H	●		AMMONIUM ALKYL ETHER SULFATE	60	Liquid	Excellent foaming and wetting agent used in a wide variety of water conditions. Flashpoint >200 deg. F
PETROSTEP® ES-65A	●		AMMONIUM ALKYL (C6-10) ETHER SULFATE	65	Liquid	Excellent base for formulating foamers for gas well de-watering. Heavy brine tolerance.
BIO-TERGE® AS-40	●		SODIUM C14-16 OLEFIN SULFONATE	40	Liquid	High temperature foamer with extended stability.
STEPANTAN® AS-12 46	●		SODIUM ALPHA OLEFIN SULFONATE	46	Liquid	High temperature foamer with high flash foam.
AMMONYX® DO	●	●	DECYLAMINE OXIDE	30	Liquid	Oil field foamer additive to improve stability under high brine conditions.
PETROSTEP® CG-50	●		COCAMIDOPROPYL BETAINE	36	Liquid	Foaming agent for a variety of applications including foam drilling, foam fracturing and unloading gas wells.
PETROSTEP® SB	●		COCAMIDOPROPYL HYDROXYSULTAINE	44	Liquid	Great foaming in high electrolyte solutions. Completely soluble in water and stable over the entire pH range in both hard and soft water.
PHOSPHATE ESTERS						
STEPFAC 8170	●		NONYLPHENOL ETHOXYLATE PHOSPHATE ESTER, POE-10	100	Liquid	Acid form of phosphate esters. Scale and corrosion inhibitors for oil field applications. Useful in high electrolyte systems.
STEPFAC 8171	●		NONYLPHENOL ETHOXYLATE PHOSPHATE ESTER, POE-6	100	Liquid	
STEPFAC 8180	●		TRIDECYL ALCOHOL ETHOXYLATE PHOSPHATE ESTER, POE-3	100	Liquid	
STEPFAC 8181	●		TRIDECYL ALCOHOL ETHOXYLATE PHOSPHATE ESTER, POE-6	100	Liquid	
STEPFAC 8182	●		TRIDECYL ALCOHOL ETHOXYLATE PHOSPHATE ESTER, POE-12	100	Liquid	
PETROSTEP® PE-70T	●		TRIETHANOLAMINE PHOSPHATE ESTER	100	Liquid	Intermediate for oil field scale prevention.

OIL FIELD

PRODUCT	MFG. REGION	EPA Reg. #/ Canada PCP #	CHEMICAL DESCRIPTION	ACTIVE%	FORM AT 25°C	APPLICATIONS
ALKYL DIMETHYL BENZYL/ETHYL BENZYL AMMONIUM CHLORIDES						
BTC® 2125M	●	1839-46 21337 (PCP)	n-ALKYL (60% C14, 30% C16, 5% C12, 5% C18) DIMETHYL BENZYL AMMONIUM CHLORIDES	50	Liquid	Quaternary actives for use in the formulation of microbiocides for use in oil field water flood or salt water disposal systems, oil drilling muds/packer fluids, gas/oil recovery injection water systems and gas/oil pipeline system maintenance.
BTC® 2125M-80%	●	1839-54 21407 (PCP)	(AND) n-ALKYL (68% C12, 32% C14) DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDES	80	Liquid	
BTC® 2125M-P40		1839-55 26058 (PCP)		40	Powder	
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDES (ADBAC)						
BTC® 835	●	1839-32 21820 (PCP)	n-ALKYL (50% C14, 40% C12, 10% C16) DIMETHYL BENZYL AMMONIUM CHLORIDES	50	Liquid	Quaternary actives for use in the formulation of microbiocides for oil field applications.
BTC® 8358	●	1839-68 21339 (PCP)		80	Liquid	
DIALKYL DIMETHYL AMMONIUM CHLORIDES						
BTC® 1010	● ●	1839-63 26159 (PCP)	DIDECYL DIMETHYL AMMONIUM CHLORIDES	50	Liquid	For use in oil field water flood and salt water disposal systems.
BTC® 1010-80%	● ●	1829135 25106 (PCP)		80	Liquid	
QUATERNARY AMMONIUM CHLORIDES						
PETROSTEP® Q-50S	●		SOY-AMIDOAMINE TRIMETHYL AMMONIUM CHLORIDE	50	Liquid	Used as a down hole corrosion inhibitor in oil wells.
SPECIALTIES						
ONYXIDE® 200 PRESERVATIVE	●	1839-99	HEXAHYDRO-1,3,5 - TRIS(2-HYDROXYETHYL)- S-TRIAZINE	79	Liquid	Highly active bacteriostat and fungistat for use in oil field water systems and as a preservative for drilling muds and completion fluids
STEPANQUAT® 200	●		HEXAHYDRO-1,3,5 - TRIS(2-HYDROXYETHYL)- S-TRIAZINE	79	Liquid	H2S scavenger for oil and gas applications. Odor control.
SULFONIC ACIDS						
SULFONIC 100	● ●		DODECYLBENZENE SULFONIC ACID, BRANCHED	97	Liquid	Demulsifier intermediate for oil field applications.



SPECIALTY FOAMERS

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION	ACTIVE %	FORM AT 25°C	APPLICATIONS		
ALKYL BENZENE SULFONATES							
BIO-SOFT® D-40	●	●	SODIUM DODECYLBENZENE SULFONATE, LINEAR	40	Liquid	Excellent bases for foaming agent formulations. Used as air entraining agents for concrete, bases for fire fighting foams and dust control.	
BIO-SOFT® SDBS 25	●	●	SODIUM DODECYLBENZENE SULFONATE, LINEAR	25	Liquid		
BIO-SOFT® SDBS 30	●	●	SODIUM DODECYLBENZENE SULFONATE, LINEAR	25	Liquid		
SULFONIC ACIDS							
BIO-SOFT® S-101	●	●	ALKYLBENZENE (C11.4) SULFONIC ACID, LINEAR	97	Liquid	Base acids for preparing foamer formulations.	
BIO-SOFT® AS-100	●	●	ALKYL BENZENE SULFONIC ACID, LINEAR	96	Liquid		
BIO-SOFT® NA ACID	●	●	ALKYLBENZENE SULFONIC ACID, HIGH 2-PHENYL, LINEAR	96	Liquid		
ALPHA OLEFIN SULFONATES							
BIO-TERGE® AS-40	●		SODIUM C14-16 OLEFIN SULFONATE	40	Liquid	Excellent base for foaming agent formulations. Used as air entraining agent for concrete, base for fire fighting foams and in dust control.	
STEPANTAN® AS-12 46	●		SODIUM ALPHA OLEFIN SULFONATE	46	Liquid	Aqueous solution that can be used as a drilling foamer base in fire fighting foam applications and other foam-forming products.	
SPECIALTIES							
BIO-TERGE® PAS-7S	●	●	SODIUM ALKANE SULFONATE	40	Liquid	Solubilizing, wetting, hydrotropic, low foaming agents. Used in acid, alkaline and oxidizing systems.	
BIO-TERGE® PAS-8S	●		SODIUM OCTANE SULFONATE	38	Liquid		
ALPHA SULFO METHYL ESTERS							
ALPHA-STEP® MC-48	●		SODIUM METHYL 2-SULFOLAURATE AND DISODIUM 2-SULFOLAURATE	37	Liquid	Versatile foaming agent displaying hydrotropic characteristics. Naturally-derived and readily biodegradable detergent.	
ALKYL ETHER SULFATES							
STEOL® CS-130	●		SODIUM LAURETH SULFATE, 1 MOLE EO	26	Liquid	Excellent bases for foaming formulations.	
STEOL® CS-170	●		SODIUM LAURETH SULFATE, 1 MOLE EO	70	Mobile Gel		
STEOL® CS-225	●	●	SODIUM LAURETH SULFATE, 2 MOLES EO	26	Liquid		
STEOL® CS-230	●	●	SODIUM LAURETH SULFATE, 2 MOLES EO	26	Liquid		
STEOL® CS-230-E	●	●	SODIUM LAURETH SULFATE, 2 MOLES EO	28	Liquid		
STEOL® CS-230-KE	●	●	SODIUM LAURETH SULFATE, 2 MOLES EO	27	Liquid		
STEOL® CS-270	●	●	●	SODIUM LAURETH SULFATE, 2 MOLES EO	70		Mobile Gel
STEOL® CS 270-CIT	●	●	●	SODIUM LAURETH SULFATE, 2 MOLES EO	70		Mobile Gel
STEOL® CS-330	●	●	●	SODIUM LAURETH SULFATE, 3 MOLES EO	28		Liquid
STEOL® CS-330-E	●	●	●	SODIUM LAURETH SULFATE, 3 MOLES EO	28		Liquid
STEOL® CS-370	●	●	●	SODIUM LAURETH SULFATE, 3 MOLES EO	70		Mobile Gel
STEOL® CS-370-E	●	●	●	SODIUM LAURETH SULFATE, 3 MOLES EO	70		Mobile Gel
STEOL® CS-460	●	●	●	SODIUM LAURETH SULFATE, 3 MOLES EO	60		Liquid
STEOL® OS-270	●	●	●	SODIUM LAURETH SULFATE, 2 MOLES EO	70		Mobile Gel
STEOL® BES27-D5	●	●	●	SODIUM LAURETH SULFATE, 3 MOLES EO	27		Liquid
STEOL® BES70D5	●	●	●	SODIUM LAURETH SULFATE, 3 MOLES EO	70		Mobile Gel
STEOL® DES 32	●	●	SODIUM LAURETH SULFATE, 2.5 MOLES EO	32	Liquid		Gypsum foaming agent.
STEOL® FS-406	●		SODIUM ALKYL ETHER SULFATE	60	Liquid	Excellent foaming and wetting agent which is also hard water tolerant.	
STEOL® CA-230-D	●		AMMONIUM LAURETH SULFATE, 2 MOLES EO	25	Liquid	Excellent bases for foaming formulations.	
STEOL® CA-330	●	●	AMMONIUM LAURETH SULFATE, 3 MOLES EO	28	Liquid		
STEOL® CA-330-E	●	●	AMMONIUM LAURETH SULFATE, 3 MOLES EO	25	Liquid		

SPECIALTY FOAMERS

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION	ACTIVE %	FORM AT 25°C	APPLICATIONS
ALKYL ETHER SULFATES					
STEOL® CA-370		● AMMONIUM LAURETH SULFATE, 3 MOLES EO	70	Mobile Gel	Excellent bases for foaming formulations.
STEOL® CA-370-E	●	● AMMONIUM LAURETH SULFATE, 3 MOLES EO	70	Mobile Gel	
STEOL® CA-460	●	● AMMONIUM LAURETH SULFATE, 3 MOLES EO	60	Liquid	
STEOL® CA-460-E	●	● AMMONIUM LAURETH SULFATE, 3 MOLES EO	60	Liquid	
ALPHA FOAMER®	●	● AMMONIUM ALKYL ETHER SULFATE	58	Liquid	Foaming agent for gypsum wallboard.
CEDEPAL® FA-406	●	● AMMONIUM ETHER SULFATE	60	Liquid	Foaming agent for gypsum wallboard and fire-fighting foams.
PETROSTEP® ES-65A	●	AMMONIUM ALKYL ETHER SULFATE	65	Liquid	Excellent base for formulating foamers for gas well de-watering. Heavy brine tolerant.
STEPOSOL® CA-406H	●	AMMONIUM ALKYL ETHER SULFATE	60	Liquid	Excellent foaming and wetting agent used in a wide variety of water conditions and applications. Flashpoint >200 deg. F.
ALKYL SULFATES					
STEPANOL® WA-EXTRA	●	● SODIUM LAURYL SULFATE	30	Liquid	Good bases for foamer formulations.
STEPANOL® WA-EXTRA-E	●	● SODIUM LAURYL SULFATE	28	Liquid	
STEPANOL® ME-DRY	●	● SODIUM LAURYL SULFATE	93	Powder	Dry forms of Sodium Lauryl Sulfate. Good bases for foamer formulations.
STEPANOL® WA-200		● SODIUM LAURYL SULFATE	93	Needles	
STEPANOL® WA-90		● SODIUM LAURYL SULFATE	93	Needles	
STEPANOL® DX		● SODIUM LAURYL SULFATE	92	Needles	
STEPANOL® DX-AS-165		● SODIUM LAURYL SULFATE	93	Needles	
STEPANOL® AM	●	● AMMONIUM LAURYL SULFATE	30	Liquid	Excellent foamers providing high and consistent viscosity response when formulated with alkanolamides and amphoteric. STEPANOL AM series contains hydrotrope for ease of handling.
STEPANOL® AM30-KE	●	● AMMONIUM LAURYL SULFATE	30	Mobile Gel	
STEPANOL® ALS 25	●	● AMMONIUM LAURYL SULFATE	25	Liquid	
STEPANOL® ALS 70	●	● AMMONIUM LAURYL SULFATE	70	Gel	
POLYSTEP® B-25	●	SODIUM DECYL SULFATE	38	Liquid	Foaming agent for gypsum wallboard, firefighting and dust control foam formulations.
STEPANOL® EHS	●	SODIUM 2-ETHYL HEXYL SULFATE	39.5	Liquid	Low foaming. Has excellent wetting/penetration properties. Stable in hard water and can be used in both acidic and basic environments.
AMINE OXIDES					
AMMONYX® LO	●	● LAURAMINE OXIDE	30	Liquid	Hard water tolerant, foam boosters and stabilizers.
AMMONYX® CO	●	● CETAMINE OXIDE	30	Paste	
AMMONYX® CDO SPECIAL	●	● COCOAMIDOPROPYLAMINE OXIDE	32	Liquid	
AMMONYX® LMDO	●	● LAURAMIDOPROPYLAMINE OXIDE	33	Liquid	
METHYL ESTERS					
STEPOSOL® C-25	●	METHYL CAPRYLATE/CAPRATE BLEND (TYPICAL (2% C6, 60% C8, 37% C10, 1% C12 OR HIGHER)	100	Liquid	Biodegradable, naturally-derived solvent base for industrial applications.
STEPOSOL® C-40	●	METHYL LAURATE (TYPICAL 57% 12, 22% C14, 9% C16, 12% C18)	100	Liquid	Biodegradable replacement for mineral oil. Useful as a lubricant in spin finishing, coning oils, carding, low temperature applications, cutting fluids and drawing compounds.
STEPOSOL® C-65	●	METHYL PALMITATE/OLEATE (TYPICAL 0.5% C12, 2.5% C14, 45% C16, 52% C18)	100	Liquid	Recommended lubricity additive that is oil soluble and water emulsifiable. Suggested replacement for mineral oil in cutting fluids and drawing compounds.
PHOSPHATE ESTERS					
STEPFAC 8170	●	NONYLPHENOL ETHOXYLATE PHOSPHATE ESTER, POE-10	100	Liquid	Bases for scale and corrosion inhibitors.
STEPFAC 8171	●	NONYLPHENOL ETHOXYLATE PHOSPHATE ESTER, POE-6	100	Liquid	
STEPFAC 8180	●	TRIDECYL ALCOHOL ETHOXYLATE PHOSPHATE ESTER, POE-3	100	Liquid	
STEPFAC 8181	●	TRIDECYL ALCOHOL ETHOXYLATE PHOSPHATE ESTER, POE-6	100	Liquid	
STEPFAC 8182	●	TRIDECYL ALCOHOL ETHOXYLATE PHOSPHATE ESTER, POE-12	100	Liquid	
CEDEPHOS FA-600	●	ALKYL ETHER PHOSPHATE	100	Liquid	
PETROSTEP® PE-70T	●	TRITHANOLAMINE PHOSPHATE ESTER	100	Liquid	TEA-based phosphate ester used in scale and corrosion control formulations.



FOOD & HEALTH SPECIALTIES

PRODUCT	MFG. REGION	CHEMICAL DESCRIPTION	ACTIVE %	FORM AT 25°C	APPLICATIONS
MEDIUM CHAIN TRIGLYCERIDES					
NEOBEE® M-5	●	CAPRYLIC/CAPRIC TRIGLYCERIDE	100	Liquid	Vegetable based oil; very good oxidative stability. Solvent and carrier of active ingredients.
NEOBEE® 1053	●	CAPRYLIC/CAPRIC TRIGLYCERIDE	100	Liquid	Key source of fat as a nutrient in a variety of specialized nutritional products. Carrier for flavors, vitamins, essential oils and colors.
NEOBEE® 895	●	CAPRYLIC TRIGLYCERIDE	100	Liquid	Fat source in a variety of nutritional products. Carrier for flavors, vitamins, essential oils and colors.
NEOBEE® 1095	●	CAPRIC TRIGLYCERIDE	100	Waxy Solid	A solid medium chain triglyceride for use in diverse product applications requiring a harder fat. An alternative to hydrogenated fats for margarine, icings and confections.
NEOBEE® M-20	●	PROPYLENE GLYCOL/DICAPRYLATE/DICAPRATE	100	Liquid	Carrier in a wide variety of delivery systems, including essential oils and vitamins.
TRIGLYCERIDES					
WECOBEE® S	●	HYDROGENATED VEGETABLE OIL	100	Solid	Derived from edible vegetable oils. Used as a replacement for cocoa butter in cosmetic products.
WECOBEE® FS	●	HYDROGENATED VEGETABLE OIL	100	Solid	Used as a cocoa butter replacement for confectionery coatings, in dairy toppings and baked goods and as a base for suppositories and ointments.
WECOBEE® M	●	HYDROGENATED VEGETABLE OIL	100	Solid	Melts at body temperature. Used as a suppository base.
POLYGLYCEROL ESTERS					
DREWMULSE® 200K	●	GLYCEROL MONOSTEARATE	100	Flakes	Emulsifier for breads and bakery mixes, chewing gum, peanut butter, frozen desserts and toppings. Emulsifier for suppositories, ointments and creams.
DREWMULSE® GMO	●	GLYCEROL MONOOLEATE	100	Liquid	Emulsifier for shortenings, bakery mixes, bread, cake mixes and icings. Dispersing or solubilizing agent for flavors, essential oils and vitamins. Anti-foam or defoaming agent for food applications. Lubricant for food applications.
DREWMULSE® GMC-810	●	GLYCEROL MONOCAPRYLATE/CAPRATE	100	Soft Solid	Emulsifier for vitamin and mineral preparations. Solvent for organic compounds including steroids. Instantizing agent.
MONO AND DIGLYCERIDES					
DREWPOL® 3-1-0	●	TRIGLYCERYL MONOOLEATE	100	Liquid	Emulsifier for margarines and shortenings. Solubilizer for flavors and essential oils. Suspending agent for food colors.
DREWPOL® 3-1-S	●	TRIGLYCERYL MONOSTEARATE	100	Solid	
DREWPOL® 10-6-0	●	DECAGLYCERYL HEXAOLEATE	100	Liquid	
DREWPOL® 10-10-0	●	POLYGLYCERYL-10- DECAOLEATE	100	Liquid	Effective nonionic emulsifiers in water-in-oil and oil-in-water emulsions.
DREWPOL® 10-1-CC	●	DECAGLYCERYL CAPRYLATE/CAPRATE	100	Liquid	Wetting agent for beverage emulsions.
DREWPOL® 3-5-CC	●	TRIGLYCERYL PENTA-CAPRYLATE/CAPRATE	100	Liquid	A carrier for flavors, vitamins, essential oils and colors.
DREWPOL® PGPR	●	POLYGLYCEROL POLYRICINOLEATE	100	Liquid	Rheology modifier in chocolate coatings. Emulsifier for margarines and shortenings. Solubilizer for flavors and essential oils.
DREWPOL® 3-5-M	●	POLYGLYCEROL ESTERS OF MIXED FATTY ACIDS	100	Solid	Crystalline inhibitor for winterized oils.
SPECIALTIES					
ONAMER® M	●	POLYQUATERNIUM 1	33	Liquid	Preservative for pharmaceutical products.
STEPAN® HP-LDS DRY	●	LITHIUM DECYL SULFATE	100	Powder	High purity anionic surfactants for pharmaceutical applications.
STEPAN® HP-SDS DRY	●	SODIUM DECYL SULFATE	100	Powder	High purity anionic surfactants for pharmaceutical applications.



PRODUCT INDEX

PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
A		BIO-TERGE® AS-90 BEADS	2	M		STEOL® CA-330	2,16
ACCOSOFT® 440-75%	8	BIO-TERGE® PAS-7S	5,16	MAKON® NF-12	5	STEOL® CA-330-E	2,16
ACCOSOFT® 501	8	BIO-TERGE® PAS-8S	5,13,16	MAKON® TD-18	11	STEOL® CA-370	17
ACCOSOFT® 550-75%	8	BTC 2125 M 50	9	MAKON® TD-6	11	STEOL® CA-370-E	17
ACCOSOFT® 550-90% HF	8	BTC® 1010	9,15	MAKON® TSP-16	11	STEOL® CA-460	17
ACCOSOFT® 750	8	BTC® 1010-80%	9,15	MAKON® TSP-60	11	STEOL® CA-460-E	13,17
ACCOSOFT® 780 PG	8	BTC® 2125 IP80	9			STEOL® CS 270-CIT	16
ACCOSOFT® 808	8	BTC® 2125M	9,15	N		STEOL® CS-130	16
ACCOSOFT® 808-90%	8	BTC® 2125M 80 E	9	NACCONOL® 90G	5	STEOL® CS-170	2,6,16
AGENT 2119-86	6	BTC® 2125M NA	9	NEOBEE® 1053	18	STEOL® CS-225	16
AGENT 2248-14	6	BTC® 2125M-80%	9,15	NEOBEE® 1095	18	STEOL® CS-230	16
AGENT 3109-6	11	BTC® 2125M-P40	9,15	NEOBEE® 895	18	STEOL® CS-230-E	16
ALPHA FOAMER®	14,17	BTC® 835	15	NEOBEE® M-20	4,18	STEOL® CS-230-KE	16
ALPHA-STEP® BSS-45	3	BTC® 8358	15	NEOBEE® M-5	18	STEOL® CS-270	2,6,16
ALPHA-STEP® MC-48	3,6,16	BTC® 8358 F	9	NEOBEE® M-5 COSMETIC	4	STEOL® CS-330	16
ALPHA-STEP® PC-48	3,6			NINATE® 411	5	STEOL® CS-330-E	16
AMMONYX® 4	3	C		NINATE® 60E	10	STEOL® CS-370	2,6,16
AMMONYX® C	3	CEDEPAL® FA-406	14,17	NINATE® 60L	10	STEOL® CS-370-E	16
AMMONYX® CDO SPECIAL	3,6,17	CEDEPAL® TD-403 MFLD	2	NINATE® 70B	10	STEOL® CS-460	16
AMMONYX® CO	3,6,10,17	CEDEPAL® TD-403 MKLD	2	NINEX® MT-603	11	STEOL® DES 32	16
AMMONYX® DO	6,10,14	CEDEPAL® TD-403 MKLD	2	NINEX® MT-610	11	STEOL® FS-406	16
AMMONYX® LMDO	3,6,17	CEDEPAL® TD-407	2,10	NINEX® MT-615	11	STEOL® OS-270	16
AMMONYX® LO	3,6,10,17	CEDEPAL® TD-407	2,10	NINEX® MT-630F	11	STEOL® TSP-16N	10
AMMONYX® LO SPECIAL	3,6	CEDEPHOS FA-600	7,17	NINOL® 1281	5	STEPAN® 3T	4
AMMONYX® M	3,6,10			NINOL® 30-LL	5	STEPAN® 745 GC	4
AMMONYX® MC 30	3,6,10	D		NINOL® 40-CO	3,5,13	STEPAN® C-25	12
AMMONYX® MCO	3,6,10	DREWMULSE® 200K	18	NINOL® 55-LL	5	STEPAN® C-40	12
AMMONYX® MO	3,6,10	DREWMULSE® GMC-810	18	NINOL® 96-SL	5	STEPAN® C-42	12
AMMONYX® SDBC	3	DREWMULSE® GMO	18	NINOL® COMF-N	3,5	STEPAN® C-65	12
AMMONYX® SO	3,6,10	DREWPOL® 10-10-O	18			STEPAN® HP-LDS DRY	18
AMPHOSOL® 160C-30	7	DREWPOL® 10-10-O	18	O		STEPAN® HP-SDS DRY	18
AMPHOSOL® 2CSF	3,7	DREWPOL® 10-1-CC	18	ONAMER® M	18	STEPAN® PTC	4
AMPHOSOL® CS-50	7	DREWPOL® 10-6-O	18	ONYXIDE® 200 PRESERVATIVE	9,13,15	STEPAN® SLL-FB	4
		DREWPOL® 3-1-O	18	ONYXIDE® 3300	9	STEPAN® SSL-CG	4
		DREWPOL® 3-1-S	18			STEPAN®108	12
		DREWPOL® 3-5-CC	18	P		STEPANATE® AXS	7,12,13
		DREWPOL® 3-5-M	18	PETROSTEP® CG-50	14	STEPANATE® SCS	7,13
		DREWPOL® PGPR	18	PETROSTEP® ES-65A	14,17	STEPANATE® SCS-40	7
				PETROSTEP® PE-70T	14,17	STEPANATE® SCS-40 E	7
B				PETROSTEP® Q-50S	15	STEPANATE® SCS-93	7
BIO-SOFT® AS-100	16	H		PETROSTEP® SB	14	STEPANATE® SPCS 40	7
BIO-SOFT® D-40	5,16	HALLCOMID M-10	12	PETROSTEP® B-25	17	STEPANATE® STS-40	7
BIO-SOFT® N1-3	13	HALLCOMID M-8-10	12			STEPANATE® STS-90	7
BIO-SOFT® N-300	2			S		STEPANATE® SXS	7,12,13
BIO-SOFT® N-411	5	L		SO/SAN® 30M	8	STEPANATE® SXS-30	12
BIO-SOFT® NA ACID	16	LATHANOL® LAL COARSE	3	STEOL® BES27-D5	16	STEPANATE® SXS-93	7
BIO-SOFT® S-101	5,16	LATHANOL® LAL FLAKE	3	STEOL® BES70D5	16	STEPANATE® SXS-E	12
BIO-SOFT® S-120LP	5	LATHANOL® LAL POWDER	3	STEOL® CA-230-D	2,16	STEPAN-MILD® BSB	3
BIO-SOFT® SDBS 25	16					STEPAN-MILD® GCC	4
BIO-SOFT® SDBS 30	16					STEPAN-MILD® L3	4
BIO-SOFT® TA-2	5						
BIO-SOFT® TDBS 60	2						
BIO-TERGE® AS-40	2,6,14,16						
BIO-TERGE® AS-40 CG-P	2						



Global Manufacturing Regions



- NORTH AMERICA
- SOUTH AMERICA
- EUROPE
- ASIA

SALES OFFICES and CUSTOMER SERVICE

USA

Stepan Co

Corporate Headquarters

22 W. Frontage Road
Northfield, Illinois 60093
United States
phone: ++1-847-446-7500
fax: ++1-847-501-2100

Account Service

Phone: ++1-800-457-7673
Email: order.placement@stepan.com

Technical Service

Phone: ++1-800-745-7837 (US & Canada)
Phone: ++1-847-446-7500 x8997
Email: techserv@stepan.com

Regional Sales Offices:

Anaheim, CA

phone: ++1-714-770-9870 Ext. 1
fax: ++1-714-776-4570

Maywood, NJ

phone: ++1-201-712-7642 (Food & Health Specialties)
fax: ++1-201-621-6112 (Food & Health Specialties)
phone: ++1-201-845-3030
fax: ++1-201-712-7648

Northfield, IL

Phone: ++1-847-446-7500
fax: ++1-847-501-2100

Winder, GA

phone: ++1-770-867-7471
fax: ++1-770-867-5300

CANADA

Stepan Canada Inc.

3425 Harvester Rd. Unit 101A
Burlington, Ontario L7N 3N1
Canada

Sales and Account Services

Phone: ++1-905-814-7231
Fax: ++1-905-814-7233

EUROPE

Stepan Europe

Sales Office

15 place de la Nation
BP 38
F-7501 Paris, France
Phone: ++33-143-423-404
Fax: ++33-143-431-047
Email: sales@stepaneurope.com

Account Services

Chemin Jongkind
B.P. 127
38343 Voreppe, Cedex, France
Phone: ++33-47-650-5100
fax: ++33-47-656-7165
Email: custserv@stepaneurope.com

Technical Service

Phone: ++33-476-505-160
Email: tech.serv@stepaneurope.com

Account and Technical Services

Bridge Street
Stalybridge, Cheshire SK15 1PH
United Kingdom
Phone: ++44-161-338-5511
Fax: ++44-161-303-2991
email: custserv@stepaneurope.com
email: tech.service@stepaneurope.com

MEXICO

Stepan Mexico, S.A. de C.V.

Reforma 403-301
Mexico, D.F. 06500
Sales, Account Services and Technical Service
Phone: ++52-555-533-1697
Fax: ++52-555-514-5448

COLOMBIA

Stepan Colombiana de Quimicos S.A.

Cra 9A No. 97A-53 Piso 6
Edificio Siracusa
Bogota, D.C. Colombia
Sales, Account Services and Technical Service
Phone: ++57-1-636-2808
Fax: ++57-1-636-2815

BRAZIL

Stepan Quimica Ltda.

Rua Pelotas, 464 Vila Mariana
CEP 64012-001 Sao Paulo - SP
Brazil
Sales, Account Services and Technical Service
Phone: ++55-11-5089-2200
Fax: ++55-11-5539-4587

PHILIPPINES

7/F NOL Tower

Commerce Avenue
Madrigal Business Park
Ayala-Alabang, Muntinlupa City 1780
Philippines
Sales, Account Services and Technical Service
Phone: ++63-2-842-9751
Fax: ++63-2-842-1236

CHINA

Representative Office - Surfactants

8/F-F1 Jun Yao
International Plaza
789 Zhaoyang Rd.
Shanghai 200032 China
Account Services and Technical Service
Contact: Wennie Han
Phone: ++86-21-6422-7225
Fax: ++86-21-6422-7325

Stepan 
Your complete surfactant source™