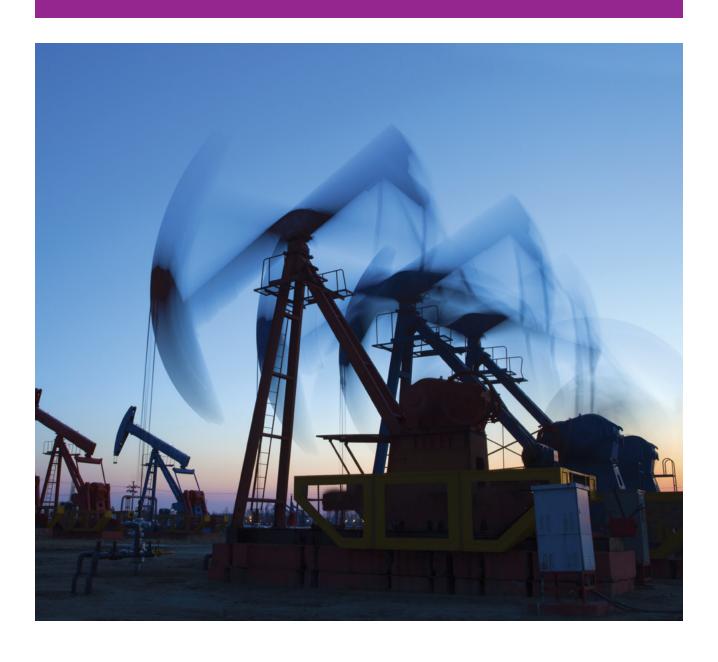
AMERICAS

Oil & Gas Specialty Additives

Technical Applications Product Line







CONTENTS

DRILLING	2
Antifoam/Defoamer	
Corrosion Inhibitor	
Coupling Agent	
Dust Control	
Emulsifier	
Foam Drilling	
Organoclay	
Rig Wash	
Shale Inhibitor	
Spacer Surfactant	
Wetting Agent	
STIMULATION	4
Acid Corrosion Inhibitor	7
Acid Thickening	
Antifoam/Defoamer	
Cleaning Agent	
Corrosion Inhibitor	
Coupling Agent	
Demulsifier	
Dust Control	
Emulsifier	
Flow Assurance	
Guar Slurry	
Non-Emulsifier	
Proppant Coating	
Shale Inhibitor	
Super Wetting Agent	
Wetting Agent	
PRODUCTION	6
Acid Thickening	
Antifoam/Defoamer	
Cleaning Agent	
Corrosion Inhibitor	
Coupling Agent	
Demulsifier	
Emulsifier	
Flow Assurance	
Gas Well Deliquification	
Non-Emulsifier	
Wetting Agent	
CEMENTING	9
Antifoam/Defoamer	
Spacer Surfactant	
Wetting Agent	
J J	

1

DRILLING

APPLICATION	PRODUCT	DESCRIPTION
Antifoam/Defoamer	AROSURF® EK 1026	Strongest organic molecular defoamer; free of silicone and mineral oils
	AROSURF® EK 2310	Biodegradable organic molecular defoamer and dynamic wetting agent; silicone-free
	AROSURF® EK 5531	Multifunctional surface active agent; provides dynamic wetting and molecular defoaming in water-based systems
	AROSURF® FC 2525	100% active defoamer concentrate; water dispersible; free of silicone oils, organomodified siloxane, and silica
	AROSURF® FC 2806	100% active organomodified siloxane defoamer
	AROSURF® FC 2807	100% active formulated defoamer; compatible with most systems and for use in a wide range of water-based applications
	AROSURF® FC 2823	Antifoam emulsion based on organomodified siloxanes; combines excellent foam suppression and long-term efficiency and maximum compatibility
	AROSURF® FC 2827	Antifoam emulsion based on organomodified siloxanes; excellent alkaline and electrolyte stability even at higher temperatures
	AROSURF® FC 3024	100% active defoamer concentrate based on organic polymer technology; free of silicone, solvents, and mineral oil
	AROSURF® FC 5617	100% active formulated defoamer developed specifically for applications in water-based systems
Corrosion Inhibitor	TEGO° CI 281	Readily biodegradable corrosion inhibitor component for the suppression of $\mathrm{H_2S}$ generation
	TEGO® CI 891	Quaternary ammonium compound; wetting agent, defoamer, and anti-static agent that aids in coating proppants
Coupling Agent	AROSURF® EK 1835	Biodegradable, low foaming, hydrotroping surfactant, designed for use in alkaline or acid formulations; also acts as a corrosion inhibitor
	AROSURF® EK 1836	Biodegradable hydrotroping surfactant, designed for use in alkaline or acid formulations; moderate to high foam
Dust Control	TOMADOL® EV 900	Dust control of fine powder additives
	TOMADOL® EV 1200	Dust control of fine powder additives
Emulsifier	ADOGEN® 140	Primary hydrogenated tallow amine; formulation aid for oil-soluble corrosion inhibitors used in the drilling and production of oil and gas
	ADOGEN® 160 D	Primary coco amine; formulation aid for oil-soluble corrosion inhibitors used in the drilling and production of oil and gas
	ADOGEN® 170	Primary tallow amine; formulation aid for oil-soluble corrosion inhibitors used in the drilling and production of oil and gas
	TOMADOL® EV Series	Ethoxylated alcohol; emulsification of oils, corrosion inhibitors, and other additives; specifically TOMADOL® EV 100 series products
	TOMAMINE® E-DT-3	Amine-based surfactant; provides emulsification and surface tension reduction
	VARIQUAT® T 1210 NS	A tallow-based ethoxylated amine whose water soluble cationic nature enables it to provide effective emulsification benefits for oil-containing systems as well asto provide ancillary dispersing benefits





APPLICATION	PRODUCT	DESCRIPTION
Foam Drilling	TEGO° FB 2301	Biodegradable amphoteric surfactant for foam drilling and gas well deliquification
	TEGO® FB 2302	Biodegradable amphoteric surfactant for foam drilling and gas well deliquification
	TEGO° FB 2303	Biodegradable amphoteric surfactant for foam drilling and gas well deliquification
Organoclay	ADOGEN® 442 EI 83	Tallow-based quaternary ammonium compound used to manufacture organoclay for viscosity control in drilling fluids. Supplied at 83% in ethanol
	ADOGEN® 442 H 83	Tallow-based quaternary ammonium compound used to manufacture organoclay for viscosity control in drilling fluids. Supplied at 83% in acqueous isopropanol
	VARIQUAT® B 343 E	Tallow-based quaternary ammonium compound used to manufacture organoclay for viscosity control in drilling fluids
Rig Wash	AROSURF® CA 5318	Cationic/non-ionic blend useful for heavy duty and efficient degreasing
	TOMADOL® EV Series	Effective cleaning surfactants for various oil field applications. Specifically, TOMADOL® EV 100, TOMADOL® EV 25, and TOMADOL® EV 23 series products
Shale Inhibitor	AROSURF® CD 3116	Cationic additive with static reduction properties and dispersant benefits in non-acquous systems; shale and/or clay control additive
	TOMAMINE® OG-18	Concentrated permanent type of shale inhibitor and stabilizer
Spacer Surfactant	AROSURF® DH 2120	Ready to use spacer surfactant formulation
	AROSURF® DH 5121	Ready to use spacer surfactant formulation
	TOMADOL® EV Series	Ethoxylated alcohol; cleaning agents, degreasers, and solvent replacement; for spacers, TOMADOL® EV 900, TOMADOL® EV 600, TOMADOL® EV 400 should be considered
Wetting Agent	AROSURF® EK 1104	Multifunctional surface active agent; provides dynamic wetting and molecular defoaming in water-based systems
	AROSURF® EK 1111	Organic molecular defoamer and dynamic wetting agent; silicone-free
	AROSURF® EK 2310	Biodegradable organic-based superwetter that provides excellent wetting especially on difficult-to-wet surfaces
	AROSURF° EK 2812	Solvent-free siloxane-based superwetter that provides excellent substrate wetting especially on difficult-to-wet surfaces; provides extremely low surface tension and very low contact angle; soluble in aliphatic hydrocarbons
	AROSURF° EK 2813	Solvent-free siloxane-based superwetter that provides excellent substrate wetting especially on difficult-to-wet surfaces; provides extremely low surface tension and very low contact angle; low cload point
	AROSURF® EK 2828	Siloxane-based superwetter that provides exceptional substrate wetting in water-based systems; can provide defoaming benefits in some formulated systems
	AROSURF® EK 2834	Siloxane-based superwetter that provides excellent substrate wetting especially on difficult- to-wet surfaces; provides extremely low surface tension and very low contact angle
	AROSURF® EK 5531	Multifunctional surface active agent; provides dynamic wetting and molecular defoaming in water-based system
	AROSURF® SR 1102	Low foam wetting agent with very good solubility in aqueous systems
	AROSURF® SR 1114	Low foam wetting agent with moderate solubility in aqueous systems
	AROSURF® SR 1330	Low foaming nonionic surfactant designed for applications requiring low foam, fast wetting, water wetting characteristics, and high emulsification
	TOMADOL® EV Series	Ethoxylated alcohol; provides wetting and surface tension reduction; specifically, TOMADOL® EV 100, TOMADOL® EV 91, and TOMADOL® EV 1 series products

STIMULATION

APPLICATION	PRODUCT	DESCRIPTION
Acid Corrosion Inhibitor	AROSURF® EK 1015	Multifunctional surface active agent; useful in applications where surface activity in vapor phase is necessary
Acid Thickening	AROSURF® EK 1437	Cationic surfactant used to build viscosity in acidic systems
	AROSURF® EK 5429	Amphoteric surfactant used to build viscosity in acidic systems; little to no sensitivity to hard water or strong electrolyte solutions; not stable in alkaline solutions; can present moderate foaming
	VARONIC® T 202	Ethoxylated amine used to build viscosity in acidic and alkaline systems; can be supportive of corrosion inhibition properties in some applications
	VARONIC® T 205	Ethoxylated amine used to build viscosity in acidic systems
	VARONIC® T 405	Ethoxylated amine used to build viscosity in acidic systems; excellent water solubility and high charge density
Antifoam/ Defoamer	AROSURF® EK 1026	Strongest organic molecular defoamer; free of silicone and mineral oils
	AROSURF® EK 2310	Biodegradable organic molecular defoamer and dynamic wetting agent; silicone-free
	AROSURF® EK 5531	Multifunctional surface active agent; provides dynamic wetting and molecular defoaming in water-based systems
	AROSURF® FC 2525	100% active defoamer concentrate; water dispersible; free of silicone oils, organomodified siloxane, and silica
	AROSURF® FC 2806	100% active organomodified siloxane defoamer
	AROSURF® FC 2807	100% active formulated defoamer; compatible with most systems and for use in a wide range of water-based applications
	AROSURF® FC 2823	Antifoam emulsion based on organomodified siloxanes; combines excellent foam suppression and long-term efficiency and maximum compatibility
	AROSURF® FC 2827	Antifoam emulsion based on organomodified siloxanes; excellent alkaline and electrolyte stability even at higher temperatures
	AROSURF® FC 3024	100% active defoamer concentrate based on organic polymer technology; free of silicone, solvents, and mineral oil
	AROSURF® FC 5617	100% active formulated defoamer developed specifically for applications in water-based systems
Cleaning Agent	AROSURF® CA 5318	Cationic/non-ionic blend useful for heavy duty and efficient degreasing
	TOMADOL® EV Series	Effective cleaning surfactants for various oil field applications. Specifically, TOMADOL® EV 100, TOMADOL® EV 25, and TOMADOL® EV 23 series products
Corrosion Inhibitor	TEGO® CI 112	Biodegradable quaternary ammonium compound; corrosion inhibitor component for corrosion caused by CO_2
	TEGO® CI 121	Biodegradable, vegetable-based quaternary ammonium compound; corrosion inhibitor component for corrosion caused by CO_2
	TEGO® CI 231	Amphoteric surfactant suitable as a component for corrosion inhibition for corrosion caused by $\mathrm{CO_2}$ and $\mathrm{O_2}$
	TEGO® CI 351	Fatty alkanolamide; corrosion inhibitor component for corrosion caused by $\mathrm{CO_2}$ and $\mathrm{O_2}$; 90% biodegradable
Coupling Agent	AROSURF® EK 1835	Biodegradable, low foaming, hydrotroping surfactant, designed for use in alkaline or acid formulations; also acts as a corrosion inhibitor
	AROSURF® EK 1836	Biodegradable hydrotroping surfactant, designed for use in alkaline or acid formulations; moderate to high foam
Demulsifier	AROSURF® EK 1022	Multifunctional surface active agent; can promote demulsification benefits by displacing acqueous solutions from substrates and promoting separation of oils
Dust Control	TOMADOL® EV 900	Dust control of fine powder additives
	TOMADOL® EV1200	Dust control of fine powder additives

STIMULATION

APPLICATION	PRODUCT	DESCRIPTION
Emulsifier	TOMADOL® EV Series	Ethoxylated alcohol; emulsification of oils, corrosion inhibitors, and other additives; specifically TOMADOL® EV 100 series products
	TOMAMINE® E-DT-3	Amine-based surfactant; provides emulsification and surface tension reduction
Flow Assurance	TOMADOL® EV Series	Ethoxylated alcohol; provides cleaning to allow free flow of oil by removing parrafin and asphaltene waxes; used in the rehabilitation and maintenance of older wells; specifically TOMADOL® EV 1-3, TOMADOL® EV 1-7, and TOMADOL® EV 1-9 products
Guar Slurry	TOMADOL® EV Series	Ethoxylated alcohol; dipsersion aid to help with hydration stabalization; specifically TOMADOL® EV 900, TOMADOL® EV 600, TOMADOL® EV 91-6, TOMADOL® EV 91-2.5, TOMADOL® EV 1-5, TOMADOL® EV 1-8, TOMADOL® EV 25-3, and TOMADOL® EV 25-7
Non-Emulsifier	AROSURF® EK 1104	High temp non-emulsifying surfactant for acidizing systems, used for both on-shore and off-shore applications
	AROSURF® NE 2109	High performance, environmentally friendly, biodegradable non-emulsifying surfactants for acidizing systems, used for both on-shore and off-shore applications. Good degreasing propertie
Proppant Coating	TEGO° CI 891	Quaternary ammonium compound; wetting agent, defoamer, and anti-static agent that aids in coating proppants
	TOMAMINE® Q-14-2 PG	Quaternary ammonium compound; wetting agent, defoamer, and anti-static agent that aids in coating proppants
Shale Inhibitor	AROSURF® CD 3116	Cationic additive with static reduction properties and dispersant benefits in non-acquous systems; shale and/or clay control additive
	TOMAMINE® OG-18	Concentrated permanent type of shale inhibitor and stabilizer
AROSUF AROSUF AROSUF	AROSURF® EK 1111	Organic molecular defoamer and dynamic wetting agent; silicone-free
	AROSURF® EK 2310	Organic-based superwetter that provides excellent wetting especially on difficult-to-wet surface
	AROSURF® EK 2812	Solvent-free siloxane-based superwetter that provides excellent substrate wetting especially on difficult-to-wet surfaces; provides extremely low surface tension and very low contact angle; soluble in aliphatic hydrocarbons
	AROSURF® EK 2813	Solvent-free siloxane-based superwetter that provides excellent substrate wetting especially on difficult-to-wet surfaces; provides extremely low surface tension and very low contact angle; low cload point
	AROSURF® EK 2828	Siloxane-based superwetter that provides exceptional substrate wetting in water-based systems; can provide defoaming benefits in some formulated systems
	AROSURF® EK 2834	Siloxane-based superwetter that provides excellent substrate wetting especially on difficultto- wet surfaces; provides extremely low surface tension and very low contact angle
Wetting Agent	AROSURF® EK 1015	Good wetting and surface tension reduction; volatile; leaves no residue upon evaporation
	AROSURF® EK 1022	Multifunctional surface active agent; provides dynamic wetting and molecular defoaming in water-based systems
	AROSURF® EK 1104	High temp non-emulsifying surfactant for acidizing systems, used for both on-shore and off-shore applications
	AROSURF® EK 5531	Multifunctional surface active agent; provides dynamic wetting and molecular defoaming in water-based systems
	AROSURF® SR 1102	Low foam wetting agent with very good solubility in aqueous systems
	AROSURF® SR 1114	Low foam wetting agent with moderate solubility in aqueous systems
	AROSURF® SR 1330	Low foaming nonionic surfactant designed for applications requiring low foam, fast wetting, water wetting characteristics, and high emulsification
	TOMADOL® EV Series	Ethoxylated alcohol; provides wetting and surface tension reduction; specifically, TOMADOL® EV 100, TOMADOL® EV 91, and TOMADOL® EV 1 series products

PRODUCTION

APPLICATION	PRODUCT	DESCRIPTION
Acid Thickening	AROSURF® EK 1437	Cationic surfactant used to build viscosity in acidic systems
	AROSURF® EK 5429	Amphoteric surfactant used to build viscosity in acidic systems; little to no sensitivity to hard water or strong electrolyte solutions; not stable in alkaline solutions; can present moderate foaming
	VARONIC® T 202	Ethoxylated amine used to build viscosity in acidic and alkaline systems; can be supportive of corrosion inhibition properties in some applications
	VARONIC® T 205	Ethoxylated amine used to build viscosity in acidic systems
	VARONIC® T 405	Ethoxylated amine used to build viscosity in acidic systems; excellent water solubility and high charge density
Antifoam/Defoamer	AROSURF® EK 1026	Strongest organic molecular defoamer; free of silicone and mineral oils
	AROSURF® EK 2310	Biodegradable organic molecular defoamer and dynamic wetting agent; silicone-free
	AROSURF® EK 5531	Multifunctional surface active agent; provides dynamic wetting and molecular defoaming in water-based systems
	AROSURF® FC 2525	100% active defoamer concentrate; water dispersible; free of silicone oils, organomodified siloxane, and silica
	AROSURF® FC 2806	100% active organomodified siloxane defoamer
	AROSURF® FC 2807	100% active formulated defoamer; compatible with most systems and for use in a wide range of water-based applications
	AROSURF® FC 2823	Antifoam emulsion based on organomodified siloxanes; combines excellent foam suppression and long-term efficiency and maximum compatibility
	AROSURF® FC 2827	Antifoam emulsion based on organomodified siloxanes; excellent alkaline and electrolyte stability even at higher temperatures
	AROSURF® FC 3024	100% active defoamer concentrate based on organic polymer technology; free of silicone, solvents, and mineral oil
	AROSURF® FC 5617	100% active formulated defoamer developed specifically for applications in water-based systems
Cleaning Agent	AROSURF® CA 5318	Cationic/non-ionic blend useful for heavy duty and efficient degreasing
	TOMADOL® EV Series	Effective cleaning surfactants for various oil field applications. Specifically, TOMADOL® EV 100, TOMADOL® EV 25, and TOMADOL® EV 23 series products
Corrosion Inhibitor	TOMAMINE® EV PA 14	Amine-based surfactant; formulation aid for oil-soluble corrosion inhibitors used in the drilling and production of oil and gas; low pour point
	ADOGEN® 462 75%	Coco-based quaternary ammonium compound; formulation aid for oil-soluble corrosion inhibitors used in the production of oil and gas. Supplied at 75% in IPA
	ADOGEN® 560	Coco-based quaternary ammonium compound; formulation aid for oil-soluble corrosion inhibitors used in the production of oil and gas
	AROSURF® EK 1015	Multifunctional surface active agent; useful in applications where surface activity in vapor phase is necessary
	TEGO® CI 112	Biodegradable quaternary ammonium compound; corrosion inhibitor component for corrosion caused by CO_2
	TEGO® CI 121	Biodegradable, vegetable-based quaternary ammonium compound; corrosion inhibitor component for corrosion caused by CO_2
	TEGO® CI 231	Amphoteric surfactant suitable as a component for corrosion inhibition for corrosion caused by $\mathrm{CO_2}$ and $\mathrm{O_2}$
	TEGO® CI 351	Fatty alkanolamide; corrosion inhibitor component for corrosion caused by $\mathrm{CO_2}$ and $\mathrm{O_2}$; 90% biodegradable
	TEGO® CI 451	Imidazoline-based surfactant; ; corrosion inhibitor component for corrosion caused by CO_2 ; readily soluble in polar solvents and hydrocarbons
	TEGO® CI 511	Amine-based ethoxylate surfactant; corrosion inhibitor component for corrosion caused by ${\rm CO_2}$
	TEGO® CI 891	Quaternary ammonium compound; corrosion inhibitor component for corrosion caused by CO_2
	1	

PRODUCTION

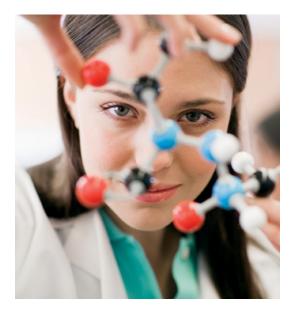
APPLICATION	PRODUCT	DESCRIPTION
Coupling Agent	AROSURF® EK 1835	Biodegradable, low foaming, hydrotroping surfactant, designed for use in alkaline or acid formulations; also acts as a corrosion inhibitor
	AROSURF® EK 1836	Biodegradable hydrotroping surfactant, designed for use in alkaline or acid formulations; moderate to high foam
Demulsifier	AROSURF® EK 1022	Multifunctional surface active agent; can promote demulsification benefits by displacing acqueous solutions from substrates and promoting separation of oils
Emulsifier	ADOGEN® 140	Primary hydrogenated tallow amine; formulation aid for oil-soluble corrosion inhibitors used in the drilling and production of oil and gas
	ADOGEN® 160 D	Primary coco amine; formulation aid for oil-soluble corrosion inhibitors used in the drilling and production of oil and gas
	ADOGEN® 170	Primary tallow amine; formulation aid for oil-soluble corrosion inhibitors used in the drilling and production of oil and gas
	TOMADOL® EV Series	Ethoxylated alcohol; emulsification of oils, corrosion inhibitors, and other additives; specifically TOMADOL® EV 100 series products
	TOMAMINE® E-DT-3	Amine-based surfactant; provides emulsification and surface tension reduction
Flow Assurance	TOMADOL® EV Series	Ethoxylated alcohol; provides cleaning to allow free flow of oil by removing parrafin and asphaltene waxes; used in the rehabilitation and maintenance of older wells; specifically TOMADOL® EV 1-3, TOMADOL® EV 1-7, and TOMADOL® EV 1-9 products
Gas Well Deliquification	TEGO® FB 2301	Biodegradable amphoteric surfactant for foam drilling and gas well deliquification
TEGO° FB 2302 TEGO° FB 2303	Biodegradable amphoteric surfactant for foam drilling and gas well deliquification	
	TEGO® FB 2303	Biodegradable amphoteric surfactant for foam drilling and gas well deliquification
Non-Emulsifier	AROSURF® EK 1104	High temp non-emulsifying surfactant for acidizing systems, used for both on-shore and off-shore applications
	AROSURF® NE 2109	High performance, environmentally friendly, non-emulsifying surfactant for acidizing systems, used for both on-shore and off-shore applications. Good degreasing properties





PRODUCTION

PPLICATION	PRODUCT	DESCRIPTION
Wetting Agent	AROSURF® EK 1104	Multifunctional surface active agent; provides dynamic wetting and molecular defoaming in water-based systems
	AROSURF® EK 1111	Organic molecular defoamer and dynamic wetting agent; silicone-free
	AROSURF® EK 2310	Biodegradable organic-based superwetter that provides excellent wetting especially on difficult-to-wet surfaces
	AROSURF® EK 2812	Solvent-free siloxane-based superwetter that provides excellent substrate wetting especially on difficult-to-wet surfaces; provides extremely low surface tension and very low contact angle; soluble in aliphatic hydrocarbons
	AROSURF® EK 2813	Solvent-free siloxane-based superwetter that provides excellent substrate wetting especially on difficult-to-wet surfaces; provides extremely low surface tension and very low contact angle; low cload point
	AROSURF® EK 2828	Siloxane-based superwetter that provides exceptional substrate wetting in water-based systems; can provide defoaming benefits in some formulated systems
	AROSURF® EK 2834	Siloxane-based superwetter that provides excellent substrate wetting especially on difficul to-wet surfaces; provides extremely low surface tension and very low contact angle
	AROSURF® EK 5531	Multifunctional surface active agent; provides dynamic wetting and molecular defoaming in water-based systems
	AROSURF® SR 1102	Low foam wetting agent with very good solubility in aqueous systems
	AROSURF® SR 1114	Low foam wetting agent with moderate solubility in aqueous systems
	AROSURF® SR 1330	Low foaming nonionic surfactant designed for applications requiring low foam, fast wetting, water wetting characteristics, and high emulsification
	TOMADOL® EV Series	Ethoxylated alcohol; provides wetting and surface tension reduction; specifically, TOMADOL® EV 100, TOMADOL® EV 91, and TOMADOL® EV 1 series products





CEMENTING

APPLICATION	PRODUCT	DESCRIPTION
Antifoam/Defoamer	AROSURF® EK 1008	Organic molecular defoamer and dynamic wetting agent; recommended specifically for cementing applications but also useful in drilling and stimulation applications; silicone-free
	AROSURF® EK 1026	Strongest organic molecular defoamer; free of silicone and mineral oils
	AROSURF® EK 1104	Dynamic wetting agent that provides good foam control; non-emulsifier; recommended for high temperature and high pressure acidizing systems
	AROSURF® EK 5531	Multifunctional surface active agent; provides dynamic wetting and molecular defoaming in water-based systems
	AROSURF® EK 5532	Multifunctional surface active agent; provides dynamic wetting and excellent molecular defoaming in water-based systems; 75% actives
	AROSURF® EK 5533	Multifunctional surface active agent; provides dynamic wetting and molecular defoaming in water-based systems; 50% actives
Spacer Surfactant	AROSURF® DH 2120	Ready to use spacer surfactant formulation
	AROSURF® DH 5121	Ready to use spacer surfactant formulation
	TOMADOL® EV Series	Ethoxylated alcohol; cleaning agents, degreasers, and solvent replacement; for spacers, TOMADOL® EV 900, TOMADOL® EV 600, TOMADOL® EV 400 should be considered
Wetting Agent	AROSURF® EK 1008	Organic molecular defoamer and dynamic wetting agent; recommended specifically for cementing applications but also useful in drilling and stimulation applications; silicone-free
	AROSURF° EK 1026 AROSURF° EK 1104	Strongest organic molecular defoamer; free of silicone and mineral oils
		Dynamic wetting agent that provides good foam control; non-emulsifier; recommended for high temperature and high pressure acidizing systems
	AROSURF® EK 5531	Multifunctional surface active agent; provides dynamic wetting and molecular defoaming in water-based systems
	AROSURF® EK 5532	Multifunctional surface active agent; provides dynamic wetting and excellent molecular defoaming in water-based systems; 75% actives
	AROSURF® EK 5533	Multifunctional surface active agent; provides dynamic wetting and molecular defoaming in water-based systems; 50% actives





NOTES





BRANDS

ADOGEN®

AROSURF®

TEGO® CI

TEGO® FB

TOMADOL® EV

TOMAMINE® EV

VARIQUAT®

VARONIC®

EVONIK CORPORATION

Richmond B&I Center 7801 Whitepine Road Richmond, VA 23237 1 804 727-0700

Oil-and-Gas-Surfactants.com

For Technical Information and Support: OilandGasSurfactants@evonik.com

For Samples:

America, EMEA and Asia OilandGasSurfactants@evonik.com

The information contained herein is offered without charge for use by technically qualified personnel at their discretion and risk. All statements, technical information and recommendations contained herein are based on tests and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto.

