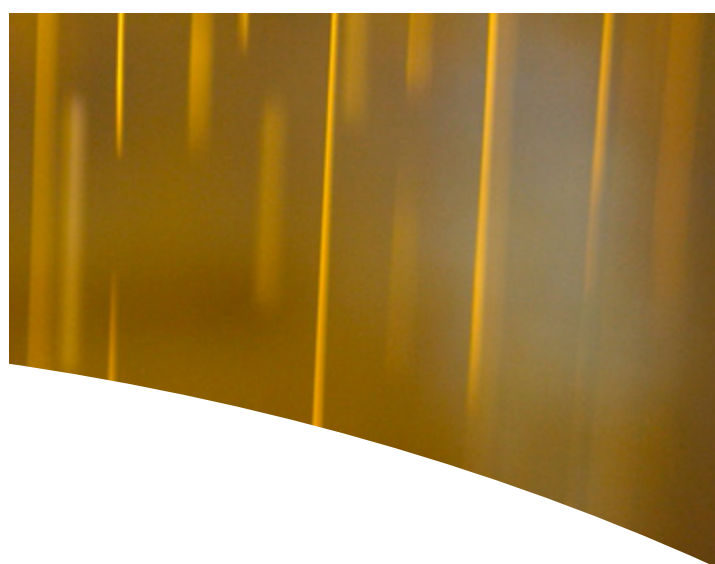
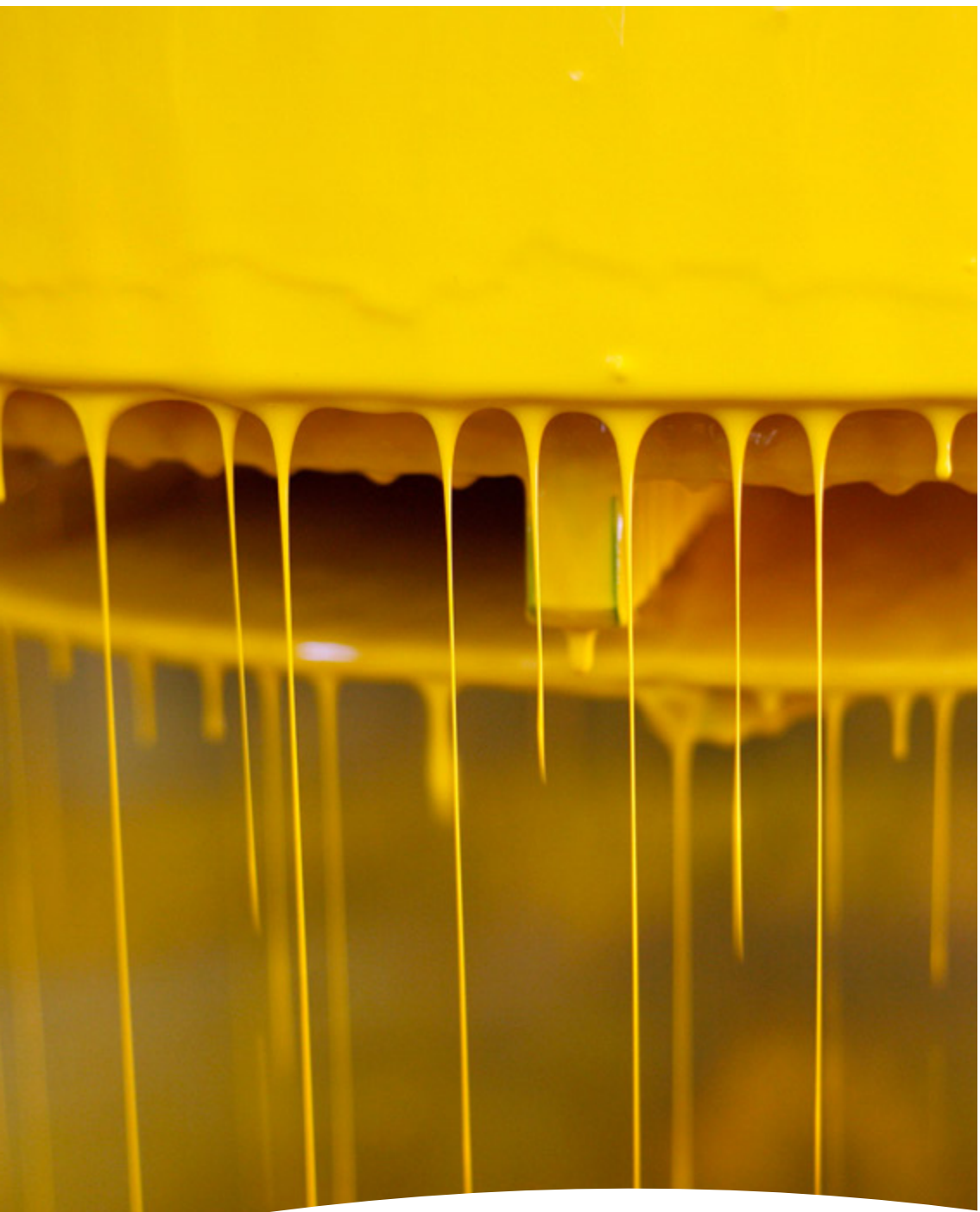




COATINGS

INDORAMA
VENTURES



COATINGS



PARTNERS IN EVERY LAYER

Indorama Ventures, a leader in the production of surfactants and specialty chemicals in the Americas, is continuously investing in research and development to offer innovative solutions aligned with its customers' business objectives. The company serves the markets of architectural paints, automotive paints, industrial coatings, printing inks, adhesives, sealants and elastomers. In partnership with its customers, Indorama Ventures develops solutions to offer eco-efficient alternatives with low toxicity, low odor, low content of volatile organic compounds (VOC) and are increasingly efficient with high performance.

The main product lines are divided into **ADDITIVES** (surfactants that help both in the paint manufacturing process and in the final product's quality), **BUILDING BLOCKS** (alkoxylated polyalcohols and functional monomers used in various paint formulations and used to finetune coatings performance), **COALESCING AGENTS** (fundamental in the latex film formation), **EMULSIFIERS** (solutions in surfactants for emulsion polymerization and resin emulsification added to increase their stability, making them stable and homogeneous), **SOLVENTS** (pure molecules that are highly compatible with several polymers and that controls the evaporation rate of paints).



APPLICATION PLATFORMS



Additives

Multifunctional APE-Free surfactants seeking to improve the performance of paints during their production and application.



Emulsifiers

Solutions in surfactants for emulsion polymerization and resin emulsification for several applications.



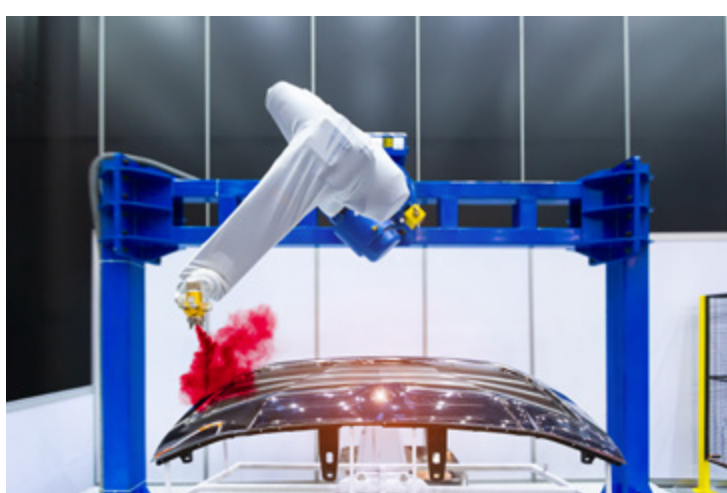
Coalescents

Film forming coalescing agents for waterborne architectural paints delivering low VOC, low odor, and high-quality formulations.



Building blocks

Specialized alkoxyated polyalcohols that act as performance enhancers in industrial and automotive coatings formulations.



Solvents

Solutions in oxygenated solvents for automotive, industrial, adhesives, and ink markets.



EMULSION POLYMERS

TRADE NAME	CHEMICAL DESCRIPTION	HLB	APPEARANCE AT 25°C	APPLICATION
NONIONIC EMULSIFIERS FOR EMULSION POLYMERIZATION				
OXITIVE® 7110	Proprietary Alcohol Alkoxylated @65%	17.0	Liquid	APEO-free high HLB and liquid nonionic surfactants specially designed to deliver low clot formation in the reactor and improved stability of the latexes.
OXITIVE® 7140	Proprietary Alcohol Alkoxylated @70%	18.0	Liquid	
OXITIVE® 7130	Proprietary Alcohol Alkoxylated @40%	17.4	Liquid	
ALKONAT® L 400	Lauryl alcohol 40 EO	18.3	Solid	Emulsion polymerization of latexes for applications that require high electrolytic stability. It can be used in the pre-emulsion or it can be post added to the latex before neutralization.
ALKONAT® CE 400	Cetearyl alcohol 40 EO	17.5	Solid	
ALKONAT® CE 500	Cetearyl alcohol 50 EO	18.1	Solid	
ALKONAT® CE 800 F	Cetearyl alcohol 50 EO	18.8	Flakes	
ULTRANEX® NP 95	Nonylphenol 9.5 EO	13.0	Liquid	High HLB APEO based nonionic surfactants versatile for emulsion polymerization and pigment dispersion.
ULTRANEX® NP 100	Nonylphenol 10 EO	13.3	Liquid	
ULTRANEX® NP 200	Nonylphenol 20 EO	15.5	Solid	
ULTRANEX® NP 200 W20	Nonylphenol 20 EO @80%	15.5	Liquid	
ULTRANEX® NP 230	Nonylphenol 23 EO	16.4	Solid	
ULTRANEX® NP 300	Nonylphenol 30 EO	17.1	Solid	
ULTRANEX® NP 300 W30	Nonylphenol 30 EO @70%	17.1	Liquid	
ULTRANEX® NP 400	Nonylphenol 40 EO	17.8	Solid	
ULTRANEX® NP 400 W30	Nonylphenol 40 EO @70%	17.8	Liquid	
ULTRANEX® NP 500	Nonylphenol 50 EO	18.2	Solid	
ULTRANEX® NP 1000	Nonylphenol 100 EO	19.0	Solid	
ULTRANEX® NP 1000 W30	Nonylphenol 100 EO @70%	19.0	Liquid	
ULTRANEX® OP 90	Octylphenol 9 EO	13.0	Liquid	
ULTRANEX® OP 95	Octylphenol 9.5 EO	13.1	Liquid	
ULTRANEX® OP 250	Octylphenol 25 EO	16.6	Solid	
ULTRANEX® OP 250 W30	Octylphenol 25 EO @70%	16.6	Liquid	
ULTRANEX® OP 300	Octylphenol 30 EO	17.3	Solid	
ULTRANEX® OP 300 W30	Octylphenol 30 EO @70%	17.3	Liquid	
ULTRANEX® OP 400	Octylphenol 40 EO	17.8	Solid	
ULTRANEX® OP 400 W30	Octylphenol 40 EO @70%	17.8	Liquid	



EMULSION POLYMERS

TRADE NAME	CHEMICAL DESCRIPTION	HLB	APPEARANCE AT 25°C	APPLICATION
ANIONIC EMULSIFIERS FOR EMULSION POLYMERIZATION				
OXIMULSION® B 1000	Proprietary Blend	-	Liquid	Tailor-made Blend of surfactants (sulfate based) designed to optimize latex performance and in-house logistics since it replaces the anionic and the nonionic surfactant in emulsion polymerization of styrene-acrylic and all-acrylic latexes.
OXIMULSION® 2780	Potassium salt of fatty alcohol ethoxylate phosphate @80%	-	Liquid	Phosphate ester that enhances adhesion property in styrene-acrylic and all-acrylic latexes.
OXIMULSION® 2742	Synthetic Alcohol Ethoxylate phosphate (Acid form)	-	Liquid	Phosphate ester that can be used as emulsifier for emulsion polymerization of acrylic latexes.
OXIMULSION® 11230	Ammonium salt of sulfated fatty alcohol ethoxylate @30%	-	Liquid	
OXIMULSION® 1030	Sodium salt of sulfated fatty alcohol @30%	-	Liquid	
OXIMULSION® 1270	Sodium salt of sulfated fatty alcohol ethoxylate @70%	-	Paste	APEO-free surfactant for emulsion polymerization of styrene-acrylic, styrene- butadiene, vinyl-acrylic and acrylic resins.
OXIMULSION® 1228	Sodium salt of sulfated fatty alcohol ethoxylate @28%	-	Liquid	
OXIMULSION® 1370	Sodium salt of sulfated fatty alcohol ethoxylate @70%	-	Paste	
OXIMULSION® 1328 APH	Sodium salt of sulfated fatty alcohol ethoxylate @28%	-	Liquid	
OXIMULSION® 1330 APH	Sodium salt of sulfated synthetic alcohol ethoxylate @30%	-	Liquid	
ALKOPON® NNP 940 HS	Sodium salt of sulfated nonylphenol ethoxylate @40%	-	Liquid	APEO-based surfactant for emulsion polymerization of styrene-acrylic, styrene- butadiene, vinyl-acrylic and acrylic resins.



EMULSION POLYMERS

TRADE NAME	CHEMICAL DESCRIPTION	HLB	APPEARANCE AT 25°C	APPLICATION
REACTIVE NONIONIC EMULSIFIER FOR EMULSION POLYMERIZATION				
OXIMULSION® REACT N1	Proprietary Ester	15.0	Liquid	APEO-free reactive nonionic surfactant for emulsion polymerization of styrene-acrylic, all-acrylic, vinyl-acrylic and vinyl-VeoVa.
EMULSIFIERS FOR RESIN EMULSIFICATION				
OXIMULSION® 9900	EO/PO Copolymer	17.0	Solid	Nonionic emulsifier for emulsification of alkyds and polyesters and generation of oil in water emulsions.
OXIMULSION® 9800	Linear Alkyl Benzene Sulfonic Acid	-	Liquid	Anionic emulsifier for emulsification of alkyds and polyesters and generation of oil in water emulsions.
ALL-PURPOSE EMULSIFIERS				
ALKONAT® L 10	Lauryl Alcohol Ethoxylate 1 EO	3.8	Clear liquid	Surfactants for water-in-oil emulsions.
ALKONAT® L 18	Lauryl Alcohol Ethoxylate 1.8 EO	5.8	Clear liquid	
ALKONAT® L 20	Lauryl Alcohol Ethoxylate 2 EO	6.4	Clear liquid	
ALKONAT® L 30	Lauryl Alcohol Ethoxylate 3 EO	8.3	Clear liquid	
ALKONAT® L 40	Lauryl Alcohol Ethoxylate 4 EO	9.7	Clear liquid	
ALKONAT® L 50	Lauryl Alcohol Ethoxylate 5 EO	10.8	Clear liquid	
ALKONAT® E 20	Stearyl Alcohol Ethoxylate 2 EO	4.9	Solid	
ALKONAT® CE 50	Cetearyl Alcohol Ethoxylate 5 EO	9.2	Solid	
ALKONAT® OC 20	Cetyl Oleyl Alcohol Ethoxylate 2 EO	4.9	Liquid	
ALKONAT® OC 50	Cetyl Oleyl Alcohol Ethoxylate 5 EO	9.0	Liquid	
ALKONAT® CE 50 F	Cetearyl Alcohol Ethoxylate 5 EO	9.2	Solid (Flakes)	



EMULSION POLYMERS

TRADE NAME	CHEMICAL DESCRIPTION	HLB	APPEARANCE AT 25°C	APPLICATION
ALL-PURPOSE EMULSIFIERS				
ALKOSYNT® ID 30	Isodecyl Alcohol Ethoxylate 3 EO	9.1	Clear liquid	Surfactants for water-in-oil emulsions.
ALKOSYNT® ID 40	Isodecyl Alcohol Ethoxylate 4 EO	10.5	Clear to hazy liquid	
ALKOSYNT® IT 30	Isotridecyl Alcohol Ethoxylate 3 EO	8.1	Clear liquid	
ULTRARIC® PE 61	Poloxamer 181	3.0	Clear liquid	
ULTRARIC® PE 62	Poloxamer 182	7.0	Clear liquid	
ALKEST® SP 20	Sorbitan Monolaurate	8.6	Liquid	
ALKEST® SP 60 F	Sorbitan Monostearate	4.7	Solid (Flakes)	
ALKEST® SP 80	Sorbitan Monooleate	4.3	Liquid	
ALKEST® CSO 50	Castor Oil Ethoxylate 5 EO	3.7	Liquid	
ALKEST® CSO 150	Castor Oil Ethoxylate 15 EO	8.3	Clear liquid	
ALKEST® CSO 200	Castor Oil Ethoxylate 20 EO	9.7	Clear liquid	
ALKONAT® CE 200	Cetearyl Alcohol Ethoxylate 20 EO	15.5	Solid	Versatile surfactants for oil-in-water emulsions.
ALKONAT® CE 200 F	Cetearyl Alcohol Ethoxylate 20 EO	15.5	Solid (Flakes)	
ALKONAT® CE 250	Cetearyl Alcohol Ethoxylate 25 EO	16.2	Solid	
ALKONAT® C 100	Cetyl Alcohol Ethoxylate 10 EO	12.9	Solid	
ALKONAT® C 200	Cetyl Alcohol Ethoxylate 20 EO	15.7	Solid	



EMULSION POLYMERS

TRADE NAME	CHEMICAL DESCRIPTION	HLB	APPEARANCE AT 25°C	APPLICATION
ALL-PURPOSE EMULSIFIERS				
ALKONAT® OC 100	Cetyl Oleyl Alcohol Ethoxylate 10 EO	12.4	Paste	Versatile surfactants for oil-in-water emulsions.
ALKONAT® OC 300	Cetyl Oleyl Alcohol Ethoxylate 30 EO	16.6	Solid	
ALKONAT® E 200	Stearyl Alcohol Ethoxylate 20 EO	15.3	Solid	
ULTRARIC® PE 44	Poloxamer 124	14.0	Clear to hazy liquid	
ULTRARIC® PE 64	Poloxamer 184	15.0	Clear to hazy liquid	
ULTRARIC® PE 104	Poloxamer 334	13.0	Paste	
ULTRARIC® PE 105	Poloxamer 335	15.0	Paste	
ULTRARIC® PE 127 F	Poloxamer 407	22.0	Solid (flakes)	
ALKEST® CSO 300	Castor Oil Ethoxylate 30 EO	11.7	Clear liquid	
ALKEST® CSO 360	Castor Oil Ethoxylate 36 EO	12.6	Hazy liquid	
ALKEST® CSO 400	Castor Oil Ethoxylate 40 EO	13.1	Hazy liquid to paste	
ALKEST® CSO 400 H	Hydrogenated Castor Oil Ethoxylate 40 EO	13.0	Hazy liquid to paste	
ALKEST® CSO 540	Castor Oil Ethoxylate 54 EO	14.4	Solid	
ALKEST® TW 60	Ethoxylated Sorbitan Monostearate 20 EO	14.9	Paste	
ALKEST® TW 80	Ethoxylated Sorbitan Monooleate 20 EO	15.0	Clear liquid	
ALKEST® TW 20	Ethoxylated Sorbitan Monolaurate 20 EO	16.7	Clear liquid	
ALKEST® TW 327	Ethoxylated Sorbitan Monolaurate 80 EO	17.8	Clear liquid	



WATER-BASED COATINGS

TRADE NAME	CHEMICAL DESCRIPTION	HLB	APPEARANCE AT 25°C	APPLICATION
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COALESCING AGENTS

ULTRAFILM® 5000	Proprietary Ester	-	Liquid	Carefully designed Zero-VOC and Low-Odor Coalescing Agent that is compatible with all main latexes and improves wet scrub resistance, delivering better Leaching and Dirt Pickup Resistance.
ULTRAFILM® 260 LV	Proprietary Ether	-	Liquid	Odorless Coalescing Agent with high hydrolytic stability, compatible mainly for styrene-acrylic latex and delivering good MFFT reduction.
ULTRAFILM® 2770	Proprietary Ester-ether	-	Liquid	Low-VOC and low-odor coalescing agent compatible with a broad range of latexes and improved performance in terms of MFFT reduction.

ADDITIVES FOR WETTING AND DISPERSION OF PIGMENTS

OXITIVE® 8122	Aryl Phenol Ethoxylate Phosphate Ester TEA Salt	-	Liquid	Dispersing agent compatible with a broad range of pigments (carbon blacks, organics and inorganics). Suitable for low-VOC universal pigment concentrates.
OXITIVE® 8123	Aryl Phenol Ethoxylate Phosphate Ester	-	Liquid	Versatile dispersing agent compatible with a broad range of pigments (carbon blacks, organics and inorganics). Suitable for low-VOC universal pigment concentrates.
OXITIVE® 8125	Aryl Phenol Ethoxylate Phosphate Ester Potassium Salt @45% in Propyleneglycol	-	Liquid	Dispersing agent suitable for systems on which the use of glycols is required.
OXITIVE® 8184	Aryl Phenol Ethoxylate Sulfate Ammonium Salt	-	Liquid	Dispersing agent compatible with a broad range of pigments. Suitable for zero and low-VOC waterborne pigment concentrates.
OXITIVE® 8201	Aryl Phenol Ethoxylate	13.5	Paste	Dispersing agent compatible with carbon black and organic pigments. Suitable for low-VOC universal pigment concentrates.



WATER-BASED COATINGS

TRADE NAME	CHEMICAL DESCRIPTION	HLB	APPEARANCE AT 25°C	APPLICATION
ADDITIVES FOR WETTING AND DISPERSION OF PIGMENTS				
OXITIVE® 8216	Aryl Phenol Ethoxylate	12.7	Viscous liquid	Dispersing agent compatible with carbon black and organic pigments. Suitable for low-VOC universal pigment concentrates.
OXITIVE® 8225	Aryl Phenol Ethoxylate	14.5	Solid	Dispersing agent compatible with carbon black and organic pigments. Suitable for low-VOC waterborne pigment concentrates.
OXITIVE® 8254	Aryl Phenol Ethoxylate	17.0	Solid	Dispersing agent compatible with carbon black and organic pigments. Suitable for low-VOC waterborne pigment concentrates.
OXITIVE® 8380	Polyacrylate sodium salt @32%	-	Liquid	Low foam and zero-VOC polymeric dispersing agent for inorganic pigments and fillers. Suitable for slurries and paints formulation.
SURFONIC® 4630	Blend of Surfactants @40%	-	Liquid	Wetting and compatibilizer agent for carbon black, organic and inorganic pigments. Suitable for low and zero-VOC pigment concentrates.
OXITIVE® 7110	Proprietary Alcohol Alkoxylated @65%	17.0	Liquid	Wetting agent to be used as grinding and color aid. Improved wet scrub resistance and color acceptance.
OXITIVE® 7233	Lauryl Alcohol Alkoxylated 6 EO	11.5	Liquid	Wetting agent to be used as grinding and color aid on paints, pigment concentrates and slurries.
OXITIVE® 7245	Lauryl Alcohol Alkoxylated 9 EO	13.4	Paste	
OXITIVE® 7254	Lauryl Alcohol Alkoxylated 9 EO @90%	13.4	Liquid	Wetting agent to be used as grinding and color aid on paints, pigment concentrates and slurries.
OXITIVE® 7255	Lauryl Alcohol Alkoxylated 10 EO	14.0	Paste	
OXITIVE® 7390	Alcohol Alkoxylate	9.6	Liquid	



WATER-BASED COATINGS

TRADE NAME	CHEMICAL DESCRIPTION	HLB	APPEARANCE AT 25°C	APPLICATION
ADDITIVES FOR WETTING AND DISPERSION OF PIGMENTS				
OXITIVE® 7210	Alcohol EO/PO	7.0	Liquid	Low foam Wetting agent to be used as grinding and color aid on paints, pigment concentrates and slurries.
ALKOMOL® L 306	Alcohol EO/PO	5.5	Liquid	
ALKOMOL® L 408	Alcohol EO/PO	6.1	Liquid	
ALKOMOL® L 504	Alcohol EO/PO	8.2	Clear liquid	
ALKOMOL® L 506	Alcohol EO/PO	6.9	Liquid	
ALKOMOL® L 603	Alcohol EO/PO	9.3	Clear to hazy liquid	
ALKOMOL® IT 406	Alcohol EO/PO	6.5	Clear to hazy liquid	
ALKONAT® L 70	Lauryl Alcohol Ethoxylate 7 EO	12.4	Hazy liquid	
ALKONAT® L 80	Lauryl Alcohol Ethoxylate 8 EO	13.1	Paste	
ALKONAT® L 120	Lauryl Alcohol Ethoxylate 12 EO	14.8	Paste	
ALKONAT® L 230	Lauryl Alcohol Ethoxylate 23 EO	16.9	Solid	Wetting agent to be used as grinding and color aid on paints, pigment concentrates and slurries.
ALKOSYNT® ID 60	Isodecyl Alcohol Ethoxylate 6 EO	12.5	Hazy liquid	
ALKOSYNT® IT 60	Isotridecyl Alcohol Ethoxylate 6 EO	11.6	Hazy liquid	
ALKOSYNT® IT 70	Isotridecyl Alcohol Ethoxylate 7 EO	13.2	Hazy liquid	
ALKOSYNT® IT 80	Isotridecyl Alcohol Ethoxylate 8 EO	12.9	Hazy liquid	
ALKOSYNT® IT 90	Isotridecyl Alcohol Ethoxylate 9 EO	13.4	Paste	
ALKOSYNT® IT 100	Isotridecyl Alcohol Ethoxylate 10 EO	13.9	Paste	
ALKOSYNT® IT 120	Isotridecyl Alcohol Ethoxylate 12 EO	14.6	Clear to hazy liquid	
ULTRAPEG® 200	Polyethylene Glycol 200	-	Clear liquid	
ULTRAPEG® 300	Polyethylene Glycol 300	-	Clear liquid	
ULTRAPEG® 400	Polyethylene Glycol 400	-	Clear liquid	
ULTRAPEG® 600	Polyethylene Glycol 600	-	Clear liquid	



INDUSTRIAL COATINGS

TRADE NAME	CHEMICAL DESCRIPTION	APPEARANCE AT 25°C	APPLICATION
SOLVENTS - ALCOHOLS			
ISOAMYL ALCOHOL	Isoamyl Alcohol	Liquid	Renewable co-solvent recommended for use in industrial paints and thinners.
SEC-BUTYL ALCOHOL	Sec-Butyl Alcohol	Liquid	Acts as a co-solvent typically in varnishes, printing inks for rotogravure as well as flexography, industrial, automotive refinishing and OEM.
SOLVENTS - ESTERS			
BUTYLGLYCOL ACETATE	Butylglycol Acetate	Liquid	Solvent recommended for use in different paint systems and applications.
ETHYLGLYCOL ACETATE	Ethylglycol Acetate	Liquid	
ISOAMYL ACETATE	Isoamyl Acetate	Liquid	Partially renewable solvent recommended for automotive OEM & refinish, wood paint and industrial paint.
ULTRASOLVE® H 2300	Propylglycol Acetate	Liquid	Acts as an active solvent with excellent solvency power for different polymeric paint systems, highly recommended for Industrial and automotive applications.
ULTRASOLVE® M 1200	Sec-Butyl Acetate	Liquid	Acts as an excellent active solvent recommended in Inks, Flexographic printing, Automotive OEM, Industrial Paints and wood paints formulations.
ULTRASOLVE® M 2200	n-Propyl Acetate	Liquid	
SOLVENTS - GLYCOL ETHERS			
BUTYLGLYCOL	Butylglycol	Liquid	Solvent recommended for use in different paint systems and applications.
BUTYLDIGLYCOL	Butyldiglycol	Liquid	
ETHYLGLYCOL	Ethylglycol	Liquid	
ETHYLDIGLYCOL	Ethyldiglycol	Liquid	
SOLVENTS - ETHERS			
ULTRASOLVE® H 2400	Propylglycol	Liquid	Acts as an excellent low evaporation rate solvent recommended for Industrial paints and printing inks.
ULTRASOLVE® H 2440	Propyldiglycol	Liquid	Acts as a very low evaporation rate solvent recommended for Industrial paints.
ULTRAFILM® 260 LV	Proprietary Ether	Liquid	Acts as a solvent with high solubility power recommended for industrial coatings.



INDUSTRIAL COATINGS

TRADE NAME	CHEMICAL DESCRIPTION	APPEARANCE AT 25°C	APPLICATION
SOLVENTS - KETONE			
METHYL ETHYL KETONE	Methyl Ethyl Ketone	Liquid	Solvent recommended for use in different paint systems and applications.
SOLVENTS - OTHERS			
ULTRASOLVE® L 795	Proprietary Blend Oxygenated Solvents	Liquid	Solvent recommended for use in industrial coatings.
BUILDING BLOCKS			
ULTRATINT® BP 40	Bisphenol ethoxylate	Liquid	Production of polyester, epoxy and alkyd resins for automotive finish and industrial paint enhancing mechanical properties of the final coating. Reactive diluent for 2K coatings.
ULTRATINT® BP 60	Bisphenol ethoxylate	Liquid	
ULTRATINT® BP 62	Bisphenol ethoxylate	Liquid	
ULTRATINT® TM 30	Trimethylolpropane ethoxylate	Liquid	Production of polyester, epoxy and alkyd resins for automotive finish and industrial paint enhancing mechanical properties of the final coating. Reactive diluent for 2K coatings. Raw material for TMP3EOTA.
ULTRAPEG® 1000	Polyethylene Glycol 1000	Solid	Flexibilizer used in polyester and polyurethane resins.
ULTRAPEG® 1450	Polyethylene Glycol 1450	Solid	
ULTRAPEG® 1500	Polyethylene Glycol 1500	Solid	
ULTRAPEG® 3350	Polyethylene Glycol 3350	Solid	
ULTRAPEG® 3500	Polyethylene Glycol 3500	Solid	
ULTRAPEG® 4000	Polyethylene Glycol 4000	Solid	
ULTRAPEG® 6000	Polyethylene Glycol 6000	Solid	
ULTRAPEG® 8000	Polyethylene Glycol 8000	Solid	
ADDITIVES			
OXITIVE® 4120	Proprietary Information	Liquid	Leveling agent to industrial and automotive coatings.



OTHER APPLICATIONS

TRADE NAME	CHEMICAL DESCRIPTION	APPEARANCE AT 25°C	APPLICATION
MINERAL OILS			
EMCAplus® 070	White mineral oil	Liquid	The white mineral oil can be used as extensors, lubricants, plasticizers, in printing inks and hot melt.
EMCAplus® 125	White mineral oil	Liquid	
EMCAplus® 140	White mineral oil	Liquid	
EMCAplus® 180	White mineral oil	Liquid	
EMCAplus® 200	White mineral oil	Liquid	
EMCAplus® 350	White mineral oil	Liquid	
EMCAplus® 350 N	White mineral oil	Liquid	
EMCAplus® 380 PS	White mineral oil	Liquid	
EMCAplus® 450N	White mineral oil	Liquid	
GLYCOLS			
ETHYLENE GLYCOL	Ethylene Glycol	Liquid	The glycols can be applied as intermediate for resin synthesis.
DIETHYLENE GLYCOL	Diethylene Glycol	Liquid	
TRIETHYLENE GLYCOL	Triethylene Glycol	Liquid	
ETHANOLAMINES			
MONOETHANOLAMINE	Monoethanolamine	Liquid	The ethanolamines can be used as neutralizer and pH adjuster.
DIETHANOLAMINE	Diethanolamine	Liquid	
TRIETHANOLAMINE	Triethanolamine	Liquid	



If you're looking for innovative and high performance solution, contact us and request a sample.

