

SURFACTANTS AND SPECIALTY CHEMICALS FOR NORTH AMERICA

Trade Name	Chemical Description	HLB	Functions	Appearance at 25°C	Applications	CleanGredients®
CETEARYL ALCOHOL ETHOXYLATES						
ALKONAT® CE 50	Cetearyl Alcohol Ethoxylate 5 EO	9.2	Oil Soluble Dispersant, Degreaser	Solid	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	
ALKONAT® CE 200	Cetearyl Alcohol Ethoxylate 20 EO	15.5	Emulsifier	Solid	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	
ALKONAT® CE 250	Cetearyl Alcohol Ethoxylate 25 EO	16.2	Emulsifier	Solid	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	
CETYL ALCOHOL ETHOXYLATES						
ALKONAT® C 20	Cetyl Alcohol Ethoxylate 2 EO	5.3	Oil Soluble Dispersant, Degreaser	Solid	Home Care and I&I, Personal Care, Agrochemicals	
ALKONAT® C 100	Cetyl Alcohol Ethoxylate 10 EO	12.9	Wetting Agent, Dispersant, Cleaning Agent	Solid	Home Care and I&I, Personal Care, Agrochemicals	
ALKONAT® C 200	Cetyl Alcohol Ethoxylate 20 EO	15.7	Emulsifier	Solid	Home Care and I&I, Personal Care, Agrochemicals	
CETYL OLEYL ALCOHOL ETHOXYLATES						
ALKONAT® OC 20	Cetyl Oleyl Alcohol Ethoxylate 2 EO	4.9	Oil Soluble Dispersant, Degreaser	Liquid	Home Care and I&I, Personal Care, Agrochemicals	
ALKONAT® OC 50	Cetyl Oleyl Alcohol Ethoxylate 5 EO	9.0	Oil Soluble Dispersant, Degreaser	Liquid	Home Care and I&I, Personal Care, Agrochemicals	
ALKONAT® OC 100	Cetyl Oleyl Alcohol Ethoxylate 10 EO	12.4	Wetting Agent, Dispersant, Cleaning Agent	Paste	Home Care and I&I, Personal Care, Agrochemicals	
ALKONAT® OC 300	Cetyl Oleyl Alcohol Ethoxylate 30 EO	16.6	Emulsifier	Solid	Home Care and I&I, Personal Care, Agrochemicals	
LAURYL ALCOHOL ETHOXYLATES						
ALKONAT® L 10	Lauryl Alcohol Ethoxylate 1 EO	3.8	Oil soluble dispersant, degreaser	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	
ALKONAT® L 18	Lauryl Alcohol Ethoxylate 1.8 EO	5.8	Oil Soluble Dispersant, Degreaser	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	
ALKONAT® L 20	Lauryl Alcohol Ethoxylate 2 EO	6.4	Oil Soluble Dispersant, Degreaser	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	✓
ALKONAT® L 30	Lauryl Alcohol Ethoxylate 3 EO	8.3	Oil Soluble Dispersant, Degreaser	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	✓
ALKONAT® L 40	Lauryl Alcohol Ethoxylate 4 EO	9.7	Oil Soluble Dispersant, Degreaser	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	
ALKONAT® L 50	Lauryl Alcohol Ethoxylate 5 EO	10.8	Oil Soluble Dispersant, Degreaser	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	
ALKONAT® L 60	Lauryl Alcohol Ethoxylate 6 EO	11.7	Wetting Agent, Dispersant, Cleaning Agent	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	
ALKONAT® L 70	Lauryl Alcohol Ethoxylate 7 EO	12.4	Wetting Agent, Dispersant, Cleaning Agent	Hazy Liquid	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	✓
ALKONAT® L 80	Lauryl Alcohol Ethoxylate 8 EO	13.1	Wetting Agent, Dispersant, Cleaning Agent	Paste	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	
ALKONAT® L 90	Lauryl Alcohol Ethoxylate 9 EO	13.6	Wetting Agent, Dispersant, Cleaning Agent	Paste	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	✓
ALKONAT® L 100	Lauryl Alcohol Ethoxylate 10 EO	14.0	Wetting Agent, Dispersant, Cleaning Agent	Paste	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	
ALKONAT® L 120	Lauryl Alcohol Ethoxylate 12 EO	14.8	Wetting Agent, Dispersant, Cleaning Agent	Paste	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	
ALKONAT® L 230	Lauryl Alcohol Ethoxylate 23 EO	16.9	Emulsifier, Wetting Agent	Solid	Home Care and I&I, Personal Care, Agrochemicals, Coatings, Oil & Gas	
STEARYL ALCOHOL ETHOXYLATES						
ALKONAT® E 20	Stearyl Alcohol Ethoxylate 2 EO	4.9	Oil Soluble Dispersant	Solid	Home Care and I&I, Personal Care	
ALKONAT® E 200	Stearyl Alcohol Ethoxylate 20 EO	15.3	Emulsifier	Solid	Home Care and I&I, Personal Care	

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ISODECYL ALCOHOL ETHOXYLATES						
ALKOSYNT® ID 30	Isodecyl Alcohol Ethoxylate 3 EO	9.1	Oil Soluble Dispersant, Degreaser	Clear liquid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	
ALKOSYNT® ID 40	Isodecyl Alcohol Ethoxylate 4 EO	10.5	Oil Soluble Dispersant, Degreaser	Clear to Hazy liquid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	
ALKOSYNT® ID 60	Isodecyl Alcohol Ethoxylate 6 EO	12.5	Wetting Agent, Dispersant, Cleaning Agent	Hazy liquid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	✓
ALKOSYNT® ID 80	Isodecyl Alcohol Ethoxylate 8 EO	13.8	Wetting Agent, Dispersant, Cleaning Agent	Hazy liquid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	
ISOTRIDECYL ALCOHOL ETHOXYLATES						
ALKOSYNT® IT 30	Isotridecyl Alcohol Ethoxylate 3 EO	8.1	Oil Soluble Dispersant, Degreaser	Clear liquid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	✓
ALKOSYNT® IT 50	Isotridecyl Alcohol Ethoxylate 5 EO	10.7	Wetting Agent, Dispersant, Cleaning Agent	Hazy Liquid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	
ALKOSYNT® IT 60	Isotridecyl Alcohol Ethoxylate 6 EO	11.6	Wetting Agent, Dispersant, Cleaning Agent	Hazy Liquid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	
ALKOSYNT® IT 70	Isotridecyl Alcohol Ethoxylate 7 EO	13.2	Wetting Agent, Dispersant, Cleaning Agent	Hazy Liquid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	
ALKOSYNT® IT 80	Isotridecyl Alcohol Ethoxylate 8 EO	12.9	Wetting Agent, Dispersant, Cleaning Agent	Hazy Liquid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	✓
ALKOSYNT® IT 90	Isotridecyl Alcohol Ethoxylate 9 EO	13.4	Wetting Agent, Dispersant, Cleaning Agent	Paste	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	✓
ALKOSYNT® IT 100	Isotridecyl Alcohol Ethoxylate 10 EO	13.9	Wetting Agent, Dispersant, Cleaning Agent	Paste	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	
ALKOSYNT® IT 120	Isotridecyl Alcohol Ethoxylate 12 EO	14.6	Wetting Agent, Dispersant, Cleaning Agent	Clear to Hazy	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	
ALKOSYNT® IT 150	Isotridecyl Alcohol Ethoxylate 15 EO	15.5	Emulsifier	Solid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	
C9-C11 SYNTHETIC ALCOHOL ETHOXYLATES						
ALKOSYNT® 9125	C9-11 Alcohol Ethoxylate 2.5 EO	8.6	Oil Soluble Dispersant, Degreaser	Clear to Hazy	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	✓
ALKOSYNT® 9160	C9-11 Alcohol Ethoxylate 6 EO	12.5	Wetting Agent, Emulsifier, Cleaning Agent	Clear to Hazy	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	✓
ALKOSYNT® 9180	C9-11 Alcohol Ethoxylate 8 EO	13.9	Wetting Agent, Emulsifier, Cleaning Agent	Clear to Hazy	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	✓
SPECIALTY ALCOHOL ETHOXYLATES						
ALKOSYNT® BT 90	Proprietary	12.9	Wetting Agent, Dispersant, Cleaning Agent	Solid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	
ALKOSYNT® BT 909	Proprietary	12.9	Wetting Agent, Dispersant, Cleaning Agent	Hazy Liquid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I, Metalworking & Lubricants	
FATTY AMINE ETHOXYLATES						
ULTRAMINA® TA 20	Tallow Fatty Amine Ethoxylate 2 EO	5.0	Oil Soluble Dispersant, Corrosion Inhibitor	Clear Liquid	Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRAMINA® TA 50	Tallow Fatty Amine Ethoxylate 5 EO	9.1	Oil Soluble Dispersant, Corrosion Inhibitor	Clear Liquid	Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRAMINA® TA 80	Tallow Fatty Amine Ethoxylate 8 EO	11.4	Emulsifier	Clear Liquid	Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRAMINA® TA 100	Tallow Fatty Amine Ethoxylate 10 EO	12.5	Emulsifier, Corrosion Inhibitor	Clear Liquid	Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRAMINA® TA 120	Tallow Fatty Amine Ethoxylate 12 EO	13.3	Emulsifier	Clear Liquid	Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRAMINA® TA 150	Tallow Fatty Amine Ethoxylate 15 EO	14.3	Emulsifier	Clear Liquid	Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRAMINA® TA 200	Tallow Fatty Amine Ethoxylate 20 EO	15.4	Emulsifier, Corrosion Inhibitor	Clear Liquid	Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRAMINA® CO 20	Coconut Fatty Amine Ethoxylate 2 EO	6.0	Oil Soluble Dispersant	Clear Liquid	Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRAMINA® CO 50	Coconut Fatty Amine Ethoxylate 5 EO	10.4	Emulsifier	Clear Liquid	Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRAMINA® DTA 70	Ditallow Amine Ethoxylate 15 EO	7.4	Emulsifier, Corrosion Inhibitor	Clear Liquid	Agrochemical, Oil & Gas, Metalworking & Lubricants	
CASTOR OIL ETHOXYLATES						
ALKEST® CSO 50	Castor Oil Ethoxylate 5 EO	3.8	Oil Soluble Dispersant	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® CSO 150	Castor Oil Ethoxylate 15 EO	8.3	Oil Soluble Dispersant	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® CSO 200	Castor Oil Ethoxylate 20 EO	9.7	Oil Soluble Dispersant	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® CSO 250 H	Hydrogenated Castor Oil Ethoxylate 25 EO	9.7	Oil Soluble Dispersant	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals	

Trade Name	Chemical Description	HLB*	Functions	Appearance at 25°C	Applications	CleanGredients®
CASTOR OIL ETHOXYLATES (CONTINUED)						
ALKEST® CSO 300	Castor Oil Ethoxylate 30 EO	11.7	Emulsifier, Oil Extraction Aid	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® CSO 360	Castor Oil Ethoxylate 36 EO	12.6	Emulsifier, Oil Extraction Aid	Hazy Liquid	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® CSO 400	Castor Oil Ethoxylate 40 EO	13.1	Emulsifier, Oil Extraction Aid	Hazy Liquid to Paste	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® CSO 400 H	Hydrogenated Castor Oil Ethoxylate 40 EO	13.0	Emulsifier, Oil Extraction Aid	Hazy Liquid to Paste	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® CSO 540	Castor Oil Ethoxylate 54 EO	14.4	Emulsifier	Solid	Home Care and I&I, Personal Care, Agrochemicals	
ALCOHOL ETHOXYLATED AND PROPOXYLATED						
ALKOMOL® L 504	Lauryl Alcohol Ethoxylated and Propoxylated	8.2	Wetting Agent, Dispersant, Cleaning Agent	Clear liquid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I	
ALKOMOL® L 603	Lauryl Alcohol Ethoxylated and Propoxylated	9.3	Wetting Agent, Dispersant, Cleaning Agent	Clear to Hazy Liquid	Coatings, Agrochemical, Oil & Gas, Home Care and I&I	
ALKOMOL® IT 406	Isotridecyl Alcohol Ethoxylated and Propoxylated	6.5	Wetting Agent, Dispersant, Cleaning Agent	Clear to Hazy Liquid	Coatings, Agrochemical, Oil & Gas	
ALKOMOL® E 10	Stearyl Alcohol Propoxylated	N/A	Emulsifier, Solubilizer	Clear Liquid	Coatings, Personal Care, Home Care and I&I	
ULTRARIC® 5000 HM	Alkyl Alkoxyate	N/A	Emulsifier, Solubilizer	Paste	Coatings, Agrochemical, Oil & Gas	
COPOLYMERS OF ETHYLENE OXIDE AND PROPYLENE OXIDE						
ULTRARIC® PE 44	Poloxamer 124	14.0	Emulsifier, Oil Extraction Aid	Clear to Hazy Liquid	Agrochemicals, Coatings, Oil & Gas	
ULTRARIC® PE 61	Poloxamer 181	3.0	Emulsifier, Oil Extraction Aid	Clear Liquid	Home Care and I&I, Agrochemicals, Coatings, Oil & Gas	✓
ULTRARIC® PE 62	Poloxamer 182	7.0	Emulsifier, Dispersant	Clear Liquid	Home Care and I&I, Agrochemicals, Coatings, Oil & Gas	✓
ULTRARIC® PE 64	Poloxamer 184	15.0	Emulsifier	Clear to Hazy Liquid	Home Care and I&I, Agrochemicals, Coatings, Oil & Gas	
ULTRARIC® PE 81	Poloxamer 221	2.0	Emulsifier, Oil Extraction Aid	Hazy Liquid to Paste	Home Care and I&I, Agrochemicals, Coatings, Oil & Gas	
ULTRARIC® PE 101	Poloxamer 331	5.0	Emulsifier	Hazy Liquid to Paste	Home Care and I&I, Agrochemicals, Coatings, Oil & Gas	
ULTRARIC® PE 104	Poloxamer 334	13.0	Emulsifier	Paste	Home Care and I&I, Agrochemicals, Coatings, Oil & Gas	
ULTRARIC® PE 105	Poloxamer 335	15.0	Emulsifier	Paste	Home Care and I&I, Agrochemicals, Coatings, Oil & Gas	
SORBITAN ESTERS						
ALKEST® SP 20 K	Sorbitan Monolaurate	8.6	Stabilizer, Emulsifier	Clear Liquid	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® SP 60 K	Sorbitan Monostearate	4.7	Stabilizer, Emulsifier	Solid	Home Care and I&I, Personal Care, Agrochemicals, Food, Pharmaceutical	
ALKEST® SP 80 K	Sorbitan Monooleate	4.3	Stabilizer, Emulsifier	Clear Liquid	Home Care and I&I, Personal Care, Agrochemicals	
POLYSORBATES (ETHOXYLATED SORBITAN ESTERS)						
ALKEST® TW 20	Ethoxylated Sorbitan Monolaurate 20 EO	16.7	Emulsifier, Solubilizer	Clear Liquid	Home Care and I&I, Personal Care, Agrochemicals	✓
ALKEST® TW 20 K	Ethoxylated Sorbitan Monolaurate 20 EO Kosher	16.7	Emulsifier, Solubilizer	Clear Liquid	Home Care and I&I, Personal Care, Agrochemicals, Food, Pharmaceutical	✓
ALKEST® TW 327	Ethoxylated Sorbitan Monolaurate 80 EO	17.8	Emulsifier, Solubilizer	Clear Liquid	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® TW 60	Ethoxylated Sorbitan Monostearate 20 EO	14.9	Emulsifier, Solubilizer	Paste	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® TW 60 K	Ethoxylated Sorbitan Monostearate 20 EO Kosher	14.9	Emulsifier, Solubilizer	Paste	Home Care and I&I, Personal Care, Agrochemicals, Food, Pharmaceutical	✓
ALKEST® TW 61 K	Ethoxylated Sorbitan Monostearate 4 EO Kosher	9.6	Emulsifier, Solubilizer, Dispersant	Paste	Home Care and I&I, Personal Care, Agrochemicals, Food, Pharmaceutical	
ALKEST® TW 80	Ethoxylated Sorbitan Monooleate 20 EO	15.0	Emulsifier, Solubilizer, Oil Extraction Aid	Clear Liquid	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® TW 80 K	Ethoxylated Sorbitan Monooleate 20 EO Kosher	15.0	Emulsifier, Solubilizer, Oil Extraction Aid	Clear Liquid	Home Care and I&I, Personal Care, Agrochemicals, Food, Pharmaceutical	
ALKEST® TW 81 K	Ethoxylated Sorbitan Monooleate 5 EO Kosher	10.0	Emulsifier, Solubilizer	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® TW 85	Ethoxylated Sorbitan Trioleate 20 EO	11.0	Emulsifier, Solubilizer	Clear liquid	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® TW 20 FGM K	Ethoxylated Sorbitan Monolaurate 20 EO Kosher, Non-GMO	16.7	Emulsifier, Solubilizer	Clear Liquid	Home Care and I&I, Personal Care, Agrochemicals, Food, Pharmaceutical	
ALKEST® TW 60 FGM K	Ethoxylated Sorbitan Monostearate 20 EO Kosher, Non-GMO	14.9	Emulsifier, Solubilizer	Paste	Home Care and I&I, Personal Care, Agrochemicals, Food, Pharmaceutical	
ALKEST® TW 80 FGM K	Ethoxylated Sorbitan Monooleate 20 EO Kosher, Non-GMO	15.0	Emulsifier, Solubilizer, Oil Extraction Aid	Clear Liquid	Home Care and I&I, Personal Care, Agrochemicals, Food, Pharmaceutical	

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POLYETHYLENE GLYCOLS (UP TO 8000 MW)						
ULTRAPEG® 200	Polyethylene Glycol 200	N/A	Solvent, Humectant, Lubricant, Solubilizer	Clear Liquid	Home Care and I&I	
ULTRAPEG® 300	Polyethylene Glycol 300	N/A	Solvent, Humectant, Lubricant, Solubilizer	Clear Liquid	Pharmaceutical, Oil & Gas, Coatings, Home Care and I&I, Personal Care	
ULTRAPEG® 400	Polyethylene Glycol 400	N/A	Solvent, Humectant, Lubricant, Solubilizer	Clear Liquid	Pharmaceutical, Oil & Gas, Coatings, Home Care and I&I, Personal Care	✓
ULTRAPEG® 600	Polyethylene Glycol 600	N/A	Solvent, Humectant, Lubricant, Solubilizer	Clear Liquid	Pharmaceutical, Oil & Gas, Coatings, Home Care and I&I, Personal Care	✓
ULTRAPEG® 1000	Polyethylene Glycol 1000	N/A	Excipient, Polymer Building Block, Water Soluble Delivery Agent	Solid	Pharmaceutical, Oil & Gas, Coatings	
ULTRAPEG® 1450	Polyethylene Glycol 1450	N/A	Excipient, Polymer Building Block, Water Soluble Delivery Agent	Solid	Pharmaceutical, Oil & Gas, Coatings	
ULTRAPEG® 3350	Polyethylene Glycol 3350	N/A	Excipient, Polymer Building Block, Water Soluble Delivery Agent	Solid	Pharmaceutical, Oil & Gas, Coatings	
ULTRAPEG® 4000	Polyethylene Glycol 4000	N/A	Excipient, Polymer Building Block, Water Soluble Delivery Agent	Solid	Pharmaceutical, Oil & Gas, Coatings	
ULTRAPEG® 6000	Polyethylene Glycol 6000	N/A	Excipient, Polymer Building Block, Water Soluble Delivery Agent	Solid	Pharmaceutical, Oil & Gas, Coatings	
ULTRAPEG® 8000	Polyethylene Glycol 8000	N/A	Excipient, Polymer Building Block, Water Soluble Delivery Agent	Solid	Pharmaceutical, Oil & Gas, Coatings	
GLYCERINE ETHOXYLATES						
GLICENAT® 260	Glycerine Ethoxylate 26 EO	16.8	Polymer Building Block	Solid	Coatings, Agrochemical, Oil & Gas	
FATTY ACID ETHOXYLATES						
ULTRACID® E 400 F	PEG-40 Stearate	17.2	Emulsifier, Solubilizer	Solid	Home Care and I&I, Personal Care, Agrochemicals	
ALKEST® E 100	PEG-100 Stearate	18.8	Emulsifier, Solubilizer	Solid	Home Care and I&I, Personal Care, Agrochemicals	
LAURYL AMINE OXIDE						
NEOMINOX® LA 4230	Lauryl Amine Oxide	N/A	Cleaning Agent, Degreaser	Clear Liquid	Home Care and I&I	✓
NONYLPHENOL ETHOXYLATES						
ULTRANEX® NP 40	Nonylphenol Ethoxylate 4 EO	8.9	Oil Soluble Dispersant, Degreaser	Clear Liquid	Coatings, Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRANEX® NP 60	Nonylphenol Ethoxylate 6 EO	10.9	Oil Soluble Dispersant, Degreaser	Clear Liquid	Coatings, Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRANEX® NP 90	Nonylphenol Ethoxylate 9 EO	12.9	Wetting Agent, Dispersant, Cleaning Agent	Clear Liquid	Coatings, Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRANEX® NP 95	Nonylphenol Ethoxylate 9.5 EO	13.1	Wetting Agent, Dispersant, Cleaning Agent	Clear Liquid	Coatings, Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRANEX® NP 100	Nonylphenol Ethoxylate 10 EO	13.3	Wetting Agent, Dispersant, Cleaning Agent	Clear to Hazy Liquid	Coatings, Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRANEX® NP 120	Nonylphenol Ethoxylate 12 EO	14.1	Wetting Agent, Dispersant, Cleaning Agent	Clear to Hazy Liquid	Coatings, Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRANEX® NP 150	Nonylphenol Ethoxylate 15 EO	15.0	Emulsifier	Paste to solid	Coatings, Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRANEX® NP 300	Nonylphenol Ethoxylate 30 EO	17.1	Emulsifier	Solid	Coatings, Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRANEX® NP 300W30	Nonylphenol Ethoxylate 30 EO, 70% active	17.1	Emulsifier	Clear Liquid	Coatings, Agrochemical, Oil & Gas, Metalworking & Lubricants	
ULTRANEX® NP 1000	Nonylphenol Ethoxylate 100 EO	19.6	Emulsifier	Solid	Coatings, Agrochemical, Oil & Gas, Metalworking & Lubricants	

DISCLAIMER: This bulletin contains information given in good faith based on Oxiteno's current knowledge on the subject and is purely indicative. Any information, including suggestions for using the products, should not preclude experimental testing and verification, which are essential to ensure the suitability of the products to each specific application. All users shall also abide by local laws and obtain all necessary permits. When handling the product, consult the safety data sheet. In case of questions or additional needs, please contact Oxiteno through our customer service channels.

N/A - Not Applicable

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