Stepan Agricultural Solutions | Growing through Science

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For more information on our products, go to www.stepan.com/Markets/Agricultural_Solutions_Digital_Tool_Box.aspx

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June 2018
SPN-3058

Liquid Flowable Systems Product Guide

Stepan Agricultural Solutions | Growing through Science

STEPAN AGRICULTURAL SOLUTIONS LEVERAGES THE COMPANY'S CORE TECHNOLOGIES OF SULFONATION, ALKOXYLATION, AMIDATION, OXIDATION, QUATERNIZATION, AND POLYMERIZATION TO DELIVER A COMPLETE LINE OF PRODUCTS TO OUR CUSTOMERS. STEPAN'S GEOGRAPHIC FOOTPRINT AND GLOBAL DISTRIBUTION NETWORK IS SUCH THAT WE CAN SERVE OUR GLOBAL CUSTOMERS FROM A VARIETY OF MANUFACTURING LOCATIONS. IN ADDITION, OUR IN-HOUSE FORMULATION EXPERTISE PROVIDES A VALUE-ADDED SERVICE TO HELP SOLVE CUSTOMERS' MOST DIFFICULT CHALLENGES. TO HELP MEET EVER-CHANGING MARKET NEEDS, **STEPAN AGRICULTURAL SOLUTIONS** HAS A ROBUST PIPELINE OF INNOVATIVE NEW PRODUCTS. STEPAN OFFERS DISPERSANTS AND WETTING AGENTS THAT PROVIDE FLEXIBILITY WHEN FORMULATING END-USE PESTICIDE PRODUCTS.

Polymerics

STEP-FLOW® 3000

STEP-FLOW 4000

Blends

AGENT SCB-1*

AGENT SCB-2*

STEPSPERSE® DF-200

STEPSPERSE DF-400

STEPSPERSE DF-500

STEPSPERSE DF-600

Sulfonate Salts

BIO-SOFT® N-300

BIO-SOFT N-411

BIO-TERGE® AS-90 Beads

NINATE® 411

STEPWET® DF-90

Alcohol Ethoxylates

BIO-SOFT N1-3

BIO-SOFT N1-5

BIO-SOFT N1-7

BIO-SOFT N1-9

BIO-SOFT N23-3

BIO-SOFT N23-6.5

BIO-SOFT N25-12

BIO-SOFT N25-3

BIO-SOFT N25-7

BIO-SOFT N25-9

BIO-SOFT N91-2.5

BIO-SOFT N91-6

BIO-SOFT N91-8

BIO-SOFT NC-10

MAKON® DA-4

MAKON DA-6

MAKON DA-9

MAKON TD-12

MAKON TD-18

MAKON TD-3

MAKON TD-50

MAKON TD-6

MAKON TD-8

MAKON TD-9

Polyarylphenol Alkoxylates

MAKON TSP-12

MAKON TSP-16

MAKON TSP-20

MAKON TSP-25

MAKON TSP-25F*

MAKON TSP-40 N

MAKON TSP-40F*

MAKON TSP-60

MAKON TSP-60F*

Phosphate Esters

STEPFAC™ 3675

STEPFAC 8170-U

STEPFAC 8171

STEPFAC 8175

STEPFAC 8180

STEPFAC 8181

STEPFAC 8181 PT3K

STEPFAC 8181 K

STEPFAC 8181-E

STEPFAC 8182

STEPFAC TSP-PE

STEPFAC TSP-PE K

STEPFAC TSP-PE N

STEPFAC TSP-PE N-60

EO/PO Block Copolymers

STEP-FLOW 26

STEP-FLOW 26-18

STEP-FLOW 26 F

STEP-FLOW 1500

TOXIMUL® 8315

TOXIMUL 8320

TOXIMUL 8321

TOXIMUL 8322

TOXIMUL 8323

TOXIMUL 8325

TOXIMUL 8350*

Sulfates

STEOL® CA-330-E

STEOL CA-460

STEOL CS-270 C

STEOL CS-330 HP

STEOL CS-370

STEOL CS-460

STEOL TSP-16N

STEOL TSP-16N-60

STEPWET® DF-95

Sulfosuccinate Salts

STEPWET DOS 60-IP

STEPWET DOS 60-OE*

STEPWET DOS 60-ROE*

STEPWET DOS 64A-150ND*

STEPWET DOS 70

STEPWET DOS 70-DG

STEPWET DOS 70-EA

STEPWET DOS 70-PG

**Experimental products*
For more information on commercial status, please contact your Stepan sales representative.

PRODUCT OVERVIEW
TYPICAL PROPERTIES

POLYMERICS						
TRADE NAME	**CHEMICAL DESCRIPTION**	**ACTIVE %**	**FORM @ 25°C**	**DENSITY, G/ML @ 25°C**	**HLB**	**U.S. EPA CLEARANCE**
STEP-FLOW 3000	Polymethyl Methacrylate-Polyethylene Glycol Graft Copolymer	40	Clear Liquid	1.10	12	40 CFR 180.910 40 CFR 180.930
STEP-FLOW 4000	Polymethyl Methacrylate-Polyethylene Glycol Graft Copolymer	35	Liquid	1.07	11-12	40 CFR 180.910 40 CFR 180.930 40 CFR 180.940a

BLENDS						
TRADE NAME	**CHEMICAL DESCRIPTION**	**FORM @ 25°C**	**DENSITY, G/ML @ 25°C**	**Moisture %**	**NPE FREE***	**U.S. EPA CLEARANCE**
Agent SCB-1	Dispersant / Wetting Agent Blend	Liquid	1.09	0.5 max	Yes	TBD
Agent SCB-2	Dispersant / Wetting Agent Blend	Liquid	1.11	0.5 max	Yes	TBD
STEPSPERSE DF-200	Anionic*/Lignosulfonate Blend	Powder	0.21	6	No	40 CFR 180.910
STEPSPERSE DF-400	Nonionic/Lignosulfonate Blend	Powder	0.28	6	Yes	40 CFR 180.910 40 CFR 180.930
STEPSPERSE DF-500	Anionic/Lignosulfonate Blend	Powder	0.37	6	Yes	40 CFR 180.910 40 CFR 180.930
STEPSPERSE DF-600	Nonionic/Lignosulfonate Blend	Powder	0.37	6	Yes	40 CFR 180.910 40 CFR 180.930

**Free of nonylphenol and nonlyphenol ethoxylates based on the chemistry identified.*

SULFONATE SALTS							
TRADE NAME	**CHEMICAL DESCRIPTION**	**ACTIVE %**	**FORM @ 25°C**	**DENSITY, G/ML @ 25°C**	**VISCOSITY, CPS @ 25°C**	**HLB**	**U.S. EPA CLEARANCE**
BIO-SOFT N-300	Linear Triethanolamine Dodecyl Benzene Sulfonate	60	Liquid	1.08	2,238	-9	40 CFR 180.920 40 CFR 180.930
BIO-SOFT N-411	Linear Isopropyl Amine Dodecyl Benzene Sulfonate	90	Liquid	1.02	5,500	3	40 CFR 180.920 40 CFR 180.930
BIO-TERGE AS-90 Beads	Sodium C14-16 Olefin Sulfonate	88	Beads/ Powder	0.30	-	-	40 CFR 180.910
NINATE 411	Isopropylamine Dodecly Benzene Sulfonate	88	Liquid	1.02	5,500	-	40 CFR 180.920, 180.930
STEPWET DF-90	Sodium Dodecylbenzene Sulfonate	100	Powder	0.53	-	-	40 CFR 180.910, 180.930, 180.940c

*SC = Suspension Concentrate, SE = Suspo-Emulsion, OD = Oil Dispersion, FS = Flowable Concentrate, WG = Water Dispersible Granules, WP = Wettable Powder, PD = Primary Dispersant, Co-Dispersant/Wetting Agent = CD/WA, Wetting Agent = WA

POLYMERICS								
FORMULATION TYPE*								
SC	**SE**	**OD**	**FS**	**WG**	**WP**	**PD**	**CD/WA**	**WA**
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LIGNOSULFONATE BLENDS								
FORMULATION TYPE*								
SC	**SE**	**OD**	**FS**	**WG**	**WP**	**PD**	**CD/WA**	**WA**
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SULFONATE SALTS								
FORMULATION TYPE*								
SC	**SE**	**OD**	**FS**	**WG**	**WP**	**PD**	**CD/WA**	**WA**
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ALCOHOL ETHOXYLATE							
TRADE NAME	**CHEMICAL DESCRIPTION**	**FORM @ 25°C**	**DENSITY, G/ML @ 25°C**	**VISCOSITY, CPS @ 25°C**	**POUR POINT °C**	**HLB**	**U.S. EPA CLEARANCE**
BIO-SOFT N1-3	C11 Alcohol Ethoxylate, POE-3	Liquid	0.93	31	-7	9	40 CFR 180.910, 180.930, 180.940a, 180.960
BIO-SOFT N1-5	C11 Alcohol Ethoxylate, POE-5	Liquid	0.97	40	6	11	40 CFR 180.910, 180.930, 180.940a, 180.960
BIO-SOFT N1-7	C11 Alcohol Ethoxylate, POE-7	Liquid	0.93	59	13	13	40 CFR 180.910, 180.930, 180.940a, 180.960
BIO-SOFT N1-9	C11 Alcohol Ethoxylate, POE-9	Paste	1.01	290	18	14	40 CFR 180.910, 180.930, 180.940a, 180.960
BIO-SOFT N23-3	C12-13 Alcohol Ethoxylate, POE-3	Liquid	0.92	34	4	8	40 CFR 180.910, 180.930, 180.940a, 180.960
BIO-SOFT N23-6.5	C12-13 Alcohol Ethoxylate, POE-6.5	Paste	0.98	24 (at 50°C)	19	12	40 CFR 180.910, 180.930, 180.940a, 180.960
BIO-SOFT N25-12	C12-15 Alcohol Ethoxylate, POE-12	Paste	1.01	104 (at 50°C)	21	14	40 CFR 180.910, 180.930, 180.940a, 180.960
BIO-SOFT N25-3	C12-15 Alcohol Ethoxylate, POE-3	Liquid	0.92	35	8	8	40 CFR 180.910, 180.930, 180.940a, 180.960
BIO-SOFT N25-7	C12-15 Alcohol Ethoxylate, POE-7	Paste	0.96	26 (at 50°C)	17-21	12	40 CFR 180.910, 180.930, 180.940a, 180.960
BIO-SOFT N25-9	C12-15 Alcohol Ethoxylate, POE-9	Paste	0.96	35 (at 50°C)	22-26	13	40 CFR 180.910, 180.930, 180.940a, 180.960
BIO-SOFT N91-2.5	C9-11 Alcohol Ethoxylate, POE-2.5	Liquid	0.93	20	-13	9	40 CFR 180.910, 180.930, 180.940a, 180.960
BIO-SOFT N91-6	C9-11 Alcohol Ethoxylate, POE-6	Liquid	0.99	44	6	12	40 CFR 180.910, 180.920, 180.930, 180.940a, 180.960
BIO-SOFT N91-8	C9-11 Alcohol Ethoxylate, POE-8	Liquid	0.99	22 (at 50°C)	6	14	40 CFR 180.910, 180.930, 180.940a, 180.960
BIO-SOFT NC-10	C8-18 Alcohol Ethoxylate, POE-10	Paste	0.99 (at 50°C)	125 (at 50°C)	35	14	40 CFR 180.910, 180.930, 180.940a, 180.960
MAKON DA-4	Decyl Alcohol Ethoxylate, POE-4	Liquid	0.96	30	-13	10	40 CFR 180.910, 180.930, 180.940a, 180.960
MAKON DA-6	Decyl Alcohol Ethoxylate, POE-6	Liquid	0.99	80	6	12	40 CFR 180.910, 180.930, 180.940a, 180.960
MAKON DA-9	Decyl Alcohol Ethoxylate, POE-9	Liquid	1.01	65	1	14	40 CFR 180.910, 180.930, 180.940a
MAKON TD-12	Tridecyl Alchol Ethoxylate, POE-12	Paste	1.00 (at 50°C)	45 (at 50°C)	17	14	40 CFR 180.910, 180.930, 180.940a, 180.960
MAKON TD-18	Tridecyl Alchol Ethoxylate, POE-18	Solid	1.00 (at 50°C)	60 (at 50°C)	21	15	40 CFR 180.910, 180.930, 180.940a, 180.960
MAKON TD-3	Tridecyl Alchol Ethoxylate, POE-3	Liquid	0.94	54	-12	8	40 CFR 180.910, 180.930, 180.940a, 180.960
MAKON TD-50	Tridecyl Alchol Ethoxylate, POE-50	Solid	1.07 (at 50°C)	239 (at 50°C)	29	17	40 CFR 180.910, 180.930, 180.940a, 180.960
MAKON TD-6	Tridecyl Alchol Ethoxylate, POE-6	Liquid	0.97 (at 50°C)	35 (at 50°C)	7	10	40 CFR 180.910, 180.930, 180.940a, 180.960
MAKON TD-8	Tridecyl Alchol Ethoxylate, POE-8	Liquid	1.00	50	11	13	40 CFR 180.910, 180.930, 180.940a, 180.960
MAKON TD-9	Tridecyl Alchol Ethoxylate, POE-9	Liquid	1.01	31	14	13	40 CFR 180.910, 180.930, 180.940a, 180.960

ALCOHOL ETHOXYLATES									
FORMULATION TYPE*									
SC	**SE**	**OD**	**FS**	**WG**	**WP**	**PD**	**CD/WA**	**WA**
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*SC = Suspension Concentrate, SE = Suspo-Emulsion, OD = Oil Dispersion, FS = Flowable Concentrate, WG = Water Dispersible Granules, WP = Wettable Powder, PD = Primary Dispersant, Co-Dispersant/Wetting Agent = CD/WA, Wetting Agent = WA

POLYARYLPHENOL ALKOXYLATES							
TRADE NAME	**CHEMICAL DESCRIPTION**	**FORM @ 25°C**	**DENSITY, G/ML @ 25°C**	**VISCOSITY, CPS @ 25°C**	**POUR POINT, °C**	**HLB**	**U.S. EPA CLEARANCE**
MAKON TSP-12	Tristyrylphenol Ethoxylate, POE-12	Liquid	1.10	426	19	12	40 CFR 180.910 (<15% in pesticide)
MAKON TSP-16	Tristyrylphenol Ethoxylate, POE-16	Liquid	1.11	920	19	13	40 CFR 180.910 40 CFR 180.920 (<15% in pesticide)
MAKON TSP-20	Tristyrylphenol Ethoxylate, POE-20	Paste	1.09 (@ 50°C)	310 (@ 50°C)	30	14	40 CFR 180.910 40. CFR 180.920 (<15% in pesticide)
MAKON TSP-25	Tristylrylphenol Ethoxylate, POE-25	Solid	1.08 (@ 50°C)	220 (@ 50°C)	40	15	40 CFR 180.910 40 CFR 180.920 (<15% in pesticide)
MAKON TSP-25F	Polyarylphenol Alkoxylate, POE-25	Liquid	1.11	1,190	8	-	40 CFR 180.960
MAKON TSP-40 N	Tristyrylphenol Ethoxylate, POE-40	Solid	1.09 (@ 50°C)	465 (@ 50°C)	35	16	40 CFR 180.910 (<15% in pesticide)
MAKON TSP-40F	Polyarylphenol Alkoxylate, POE-40	Liquid	1.10	1,200	19	-	40 CFR 180.960
MAKON TSP-60	Tristyrylphenol Ethoxylate, POE-60	Solid	1.09	310 (@ 50°C)	44	18	40 CFR 180.910 40 CFR 180.920 (<15% in pesticide)
MAKON TSP-60F	Polyarylphenol Alkoxylate, POE-60	Liquid	1.11	2,150	21	-	40 CFR 180.960

POLYARYLPHENOL ALKOXYLATES								
FORMULATION TYPE*								
SC	**SE**	**OD**	**FS**	**WG**	**WP**	**PD**	**CD/WA**	**WA**
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PHOSPHATE ESTERS							
TRADE NAME	**CHEMICAL DESCRIPTION**	**ACTIVE %**	**FORM @ 25°C**	**DENSITY, G/ML @ 25°C**	**VISCOSITY, CPS @ 25°C**	**POUR POINT °C**	**U.S. EPA CLEARANCE**
STEPFAC 3675	Ethoxylated Phosphate Ester	70	Liquid	1.14	190	-21	Non-Food Only
STEPFAC 8170-U	Nonylphenol Ethoxylate Phosphate Ester, POE-10	100	Liquid	1.12	3,070	-2	40 CFR 180.910 40 CFR 180.930 (<7% in pesticide)
STEPFAC 8171	Nonylphenol Ethoxylate Phosphate Ester, POE-6	100	liquid	1.11	9400	-18	40 CFR 180.910, 180.930 (<7% in pesticide)
STEPFAC 8175	Nonylphenol Ethoxylate Phosphate Ester, POE-12	100	liquid	1.12	2370	-4	40 CFR 180.910 (<7% in pesticide)
STEPFAC 8180	Tridecyl Alcohol Ethoxylate Phosphate Ester, POE-3	100	Liquid	1.03	760	-18	40 CFR 180.910 40 CFR 180.920 40 CFR 180.930 (<30% in pesticide)
STEPFAC 8181	Tridecyl Alcohol Ethoxylate Phosphate Ester, POE-6	100	Liquid	1.06	845	-16	40 CFR 180.910 40 CFR 180.920 40 CFR 180.930 (<30% in pesticide)
STEPFAC 8181 PT3K	Potassium Phosphate Ester	100	liquid	1.06	1200	4	40 CFR 180.910, 180.920, 180.930 (<30% in pesticide)
STEPFAC 8181 K	Tridecyl Alcohol Ethoxylate Phosphate Ester, POE-6	50-55	Clear Liquid	1.06	560	-24	40 CFR 180.910 40 CFR 180.930 (<83% in pesticide)
STEPFAC 8182 *Alkylphenol based	Tridecyl Alcohol Ethoxylate Phosphate Ester, POE-1	100	Liquid	1.06 (@ 50°C)	210 (@ 50°C)	6	40 CFR 180.910 40 CFR 180.920 40 CFR 180.930 (<30% in pesticide)
STEPFAC TSP-PE	Tristrylphenol Ethoxylate, POE-16 Phosphate Ester	98	Liquid	1.14	4,500	4	40 CFR 180.920 (<15% in pesticide)
STEPFAC TSP-PE K	Tristrylphenol Ethoxylate, POE-16 Phosphate Ester Potassium Salt	40	Liquid	1.11	245	0	40 CFR 180.920 (<15% in pesticide)
STEPFAC TSP-PE N	Tristrylphenol Ethoxylate, POE-16 Phosphate Ester Triethanolamine Salt	98	Liquid	1.15	4,000	5	Non-Food Only
STEPFAC TSP-PE N-60	Tristrylphenol Ethoxylate, POE-16 Phosphate Ester Triethanolamine Salt	60	Clear Amber Liquid	1.1	-	-	Non-Food Only

PHOSPHATE ESTERS									
FORMULATION TYPE*									
SC	**SE**	**OD**	**FS**	**WG**	**WP**	**PD**	**CD/WA**	**WA**
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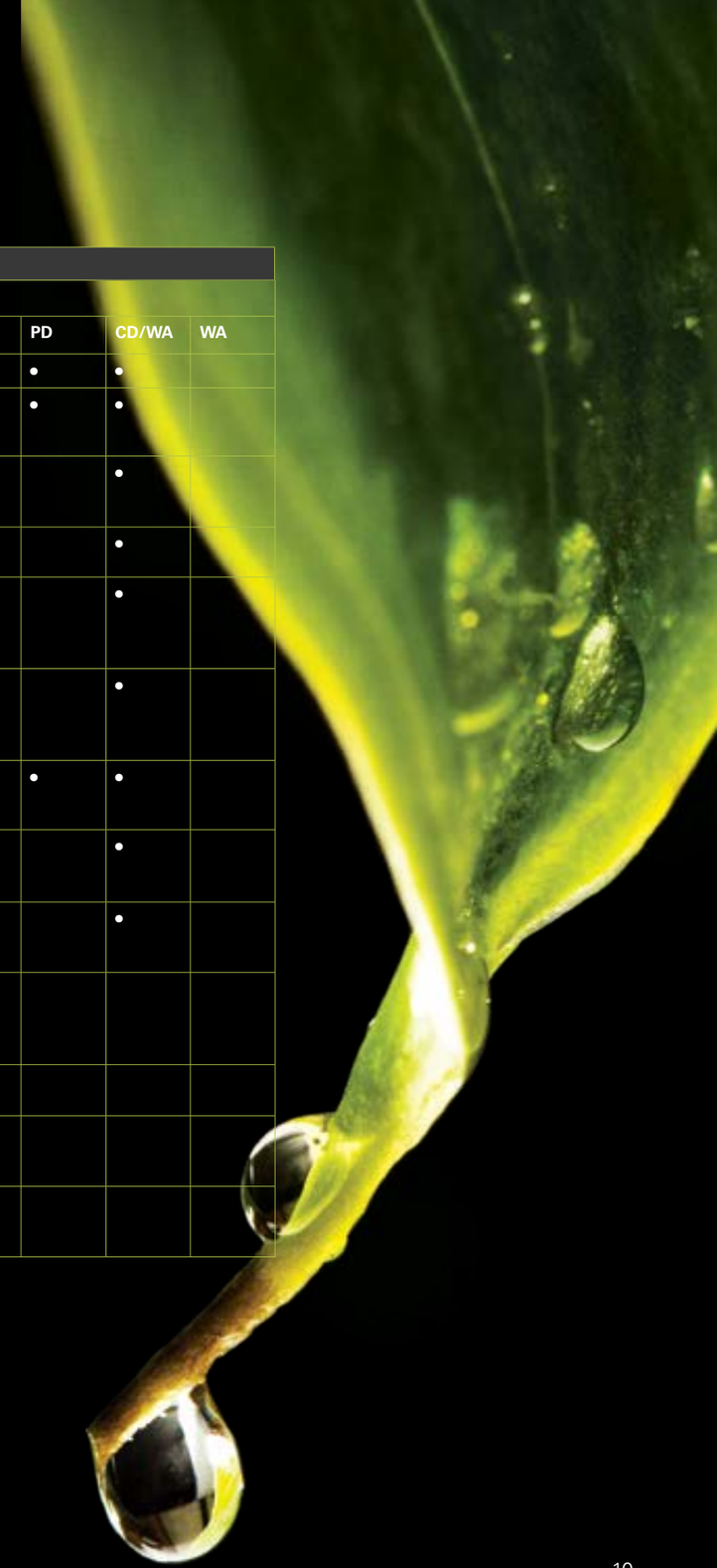
*SC = Suspension Concentrate, SE = Suspo-Emulsion, OD = Oil Dispersion, FS = Flowable Concentrate, WG = Water Dispersible Granules, WP = Wettable Powder, PD = Primary Dispersant, Co-Dispersant/Wetting Agent = CD/WA, Wetting Agent = WA



EO/PO BLOCK COPOLYMERS							
TRADE NAME	**CHEMICAL DESCRIPTION**	**FORM @ 25°C**	**DENSITY, G/ML@ 25°C**	**VISCOSITY, CPS @ 25°C**	**POUR POINT, °C**	**HLB**	**U.S. EPA CLEARANCE**
STEP-FLOW 26	Polyalkylene Oxide Block Copolymer	Paste	1.04 (@ 50°C)	640 (@ 50°C)	32	13	40 CFR 180.940a 40 CFR 180.940c 40 CFR 180.960
STEP-FLOW 26-18	Polyalkylene Oxide Block Copolymer	Liquid	1.01-1.03 (@ 20°C)	20 (@ 20°C)	-	-	40 CFR 180.920
STEP-FLOW 26 F	Polyalkylene Oxide Block Copolymer	Liquid	1.04	3,750	7	13	40 CFR 180.940a 40 CFR 180.940c 40 CFR 180.960
STEP-FLOW 1500	Tristyrylphenol Polyalkylene Oxide Block Copolymer	Liquid	1.10	800	4	17	40 CFR 180.960
TOXIMUL 8315	Butyl Polyalkylene Oxide Block Copolymer	Liquid	1.05	555	3	15	40 CFR 180.960
TOXIMUL 8320	Butyl Polyalkylene Oxide Copolymer	Liquid	1.05	2,000	21	14	40 CFR 180.960
TOXIMUL 8321	Polyalkylene Oxide Block Copolymer	Liquid	1.03	900	2	7	40 CFR 180.940a 40 CFR 180.940c 40 CFR 180.960
TOXIMUL 8322	Polyalkylene Oxide Block Copolymer	Paste	1.06 (@ 50°C)	720 (@ 50°C)	35	15	40 CFR 180.940a 40 CFR 180.940c 40 CFR 180.960
TOXIMUL 8323	Polyalkylene Oxide Block Copolymer	Paste	1.04 (@ 50°C)	315 (@ 50°C)	27	15	40 CFR 180.940a 40 CFR 180.940c 40 CFR 180.960
TOXIMUL 8325	Butyl Polyalkylene Oxide Block Copolymer	Liquid	1.05	620	26	14	40 CFR 180.960
TOXIMUL 8350	Butyl Polyalkylene Oxide Block Copolymer	Liquid	1.05	840	21	14	40 CFR 180.960

EO/PO BLOCK COPOLYMERS									
FORMULATION TYPE*									
SC	**SE**	**OD**	**FS**	**WG**	**WP**	**PD**	**CD/WA**	**WA**
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*SC = Suspension Concentrate
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WP = Wettable Powder
PD = Primary Dispersant
Co-Dispersant/Wetting Agent = CD/WA
Wetting Agent = WA

SULFATES							
TRADE NAME	**CHEMICAL DESCRIPTION**	**ACTIVE %**	**FORM @ 25°C**	**DENSITY, G/ML @ 25°C**	**VISCOSITY, CPS @ 25°C**	**POUR POINT °C**	**U.S. EPA CLEARANCE**
STEOL CA-330-E	Ammonium Lauryl Ether Sulfate, POE-3	25	Liquid	1.07	100	2	40 CFR 180.920
STEOL CA-460	Ammonium Lauryl Ether Sulfate, POE-3	59	Liquid	1.01	66	4	Non-Food Only
STEOL CS-270 C	Sodium Lauryl Ether Sulfate, POE-2	70	Paste	1.08	4,200	50	40 CFR 180.910, 180.930 (not to exceed 42%)
STEOL CS-330 HP	Sodium Lauryl Ether Sulfate, POE-3	28.5	Liquid	1.03	100	1	40 CFR 180.910, 180.930
STEOL CS-370	Sodium Lauryl Ether Sulfate, POE-3	70	Liquid	1.06	987	-1	40 CFR 180.910, 180.930 (not to exceed 42%)
STEOL CS-460	Sodium Lauryl Ether Sulfate, POE-3	59.4	Liquid	1.06	55	-1	40 CFR 180.910, 180.930 (not to exceed 50%)
STEOL TSP-16N	Ethoxylated Polyarylphenol Sulfate, Ammonium Salt	93	Liquid	1.15	8,600	6	40 CFR 180.920 (<15% in pesticide)
STEOL TSP-16N-60	Ethoxylated Polyarylphenol Sulfate, Ammonium Salt	60	Liquid	1.10	480	-12	40 CFR 180.920 (<15% in pesticide)
STEPWET DF-95	Sodium Lauryl Sulfate	100	Powder	0.48	-	-	40 CFR 180.910, 180.930, 180.940a, 180.940b, 180.940c

SULFATES									
FORMULATION TYPE*									
SC	**SE**	**OD**	**FS**	**WG**	**WP**	**PD**	**CD/WA**	**WA**
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SULFOSUCCINATE SALTS							
TRADE NAME	**CHEMICAL DESCRIPTION**	**ACTIVE %**	**FORM @ 25°C**	**DENSITY, G/ML @ 25°C**	**VISCOSITY, CPS @ 25°C**	**POUR POINT °C**	**U.S. EPA CLEARANCE**
STEPWET DOS 60-IP	Sodium Dioctyl Sulfosuccinate	58	Liquid	1.03	94	-22	40 CFR 180.910, 180.930, 180.940c
STEPWET DOS 60 OE	Sodium Dioctyl Sulfosuccinate	60	Liquid	1.02	220	-18	40 CFR 180.910, 180.930
STEPWET DOS 60 ROE	Sodium Dioctyl Sulfosuccinate	60	Liquid	0.99	760	-17	40 CFR 180.910
STEPWET DOS 64A-150ND	Sodium Dioctyl Sulfosuccinate	64	Liquid	1.03	92.75	-66	40 CFR 180.910, 180.930, 180.940c
STEPWET DOS 70	Sodium Dioctyl Sulfosuccinate	70	Liquid	1.05	200	<0	40 CFR 180.910, 180.930, 180.940c
STEPWET DOS 70-DG	Sodium Dioctyl Sulfosuccinate	70	Liquid	1.10	358	-43	40 CFR 180.920
STEPWET DOS 70-EA	Sodium Dioctyl Sulfosuccinate	70	Liquid	1.08	220	-29	40 CFR 180.910, 180.930, 180.940c
STEPWET DOS 70-PG	Sodium Dioctyl Sulfosuccinate	70	Liquid	1.10	375	-39	40 CFR 180.910, 180.930, 180.940a

*SC = Suspension Concentrate, SE = Suspo-Emulsion, OD = Oil Dispersion, FS = Flowable Concentrate, WG = Water Dispersible Granules, WP = Wettable Powder, PD = Primary Dispersant, Co-Dispersant/Wetting Agent = CD/WA, Wetting Agent = WA

SULFOSUCCINATE SALTS								
FORMULATION TYPE*								
SC	**SE**	**OD**	**FS**	**WG**	**WP**	**PD**	**CD/WA**	**WA**
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We welcome you to engage with one of our Stepan representatives in effort to outline your global regulatory and supply chain requirements. Please note: It is the responsibility of the end user to review the chemical control regulations for each country where the end product is intended to be sold or used. For REACH registration status inquiries, please contact Stepan Europe Technical Service at tech.service@stepaneurope.com. For other country clearances, consult the product Safety Data Sheet (SDS) or contact Stepan Technical Service at techserv@stepan.com.