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# Liquid Flowable Systems Product Guide

For more information on our products, go to [www.stepan.com/Markets/Agricultural\\_Solutions\\_Digital\\_Tool\\_Box.aspx](http://www.stepan.com/Markets/Agricultural_Solutions_Digital_Tool_Box.aspx)

**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.



**Polymeric**

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

\*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						
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

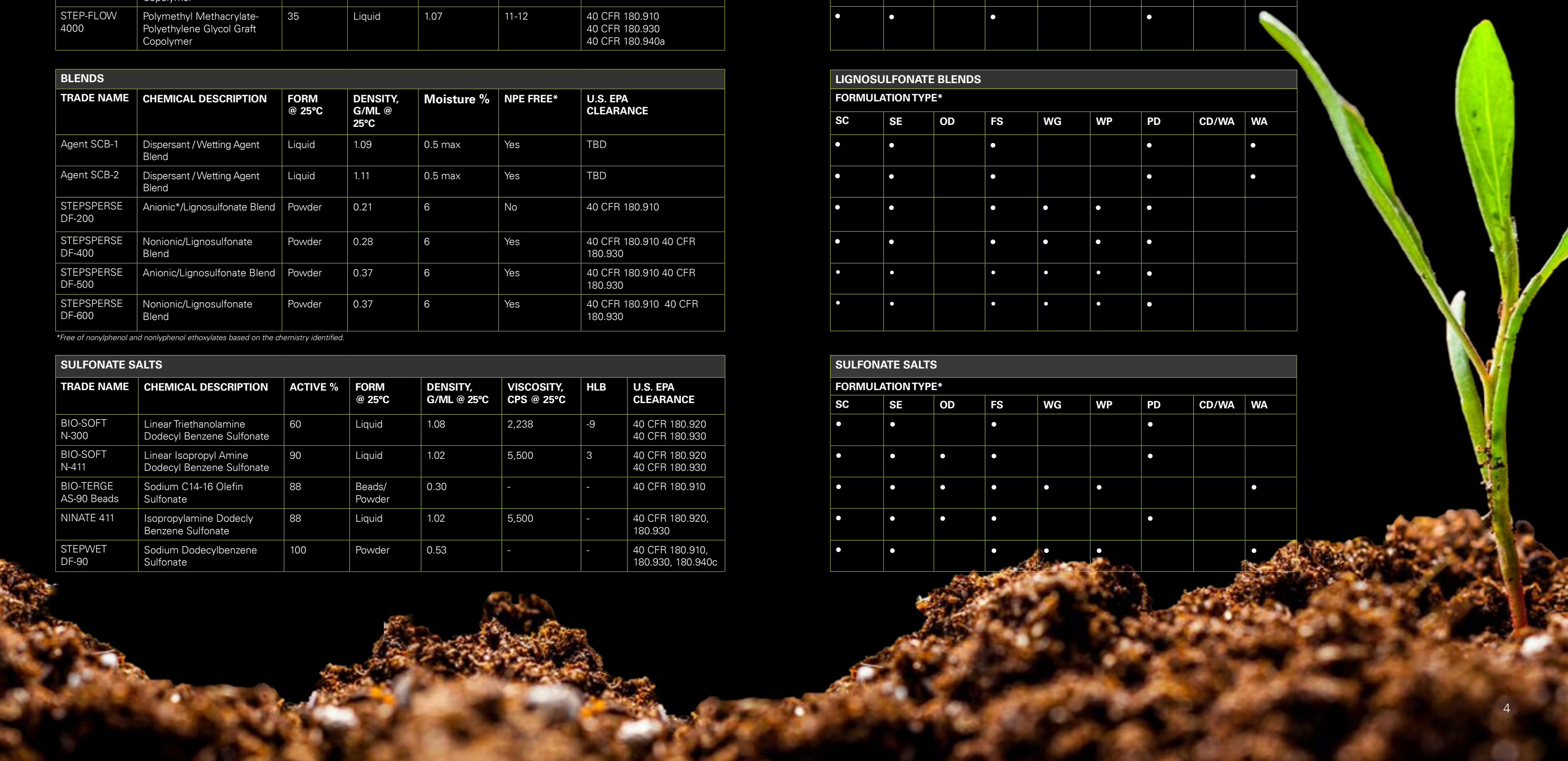
\*Free of nonylphenol and nonlyphenol ethoxylates based on the chemistry identified.

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 Dodecyl 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

POLYMERICS								
FORMULATION TYPE*								
SC	SE	OD	FS	WG	WP	PD	CD/WA	WA
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LIGNOSULFONATE BLENDS								
FORMULATION TYPE*								
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SULFONATE SALTS								
FORMULATION TYPE*								
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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
MAKONTD-12	Tridecyl Alcohol 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
MAKONTD-18	Tridecyl Alcohol 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
MAKONTD-3	Tridecyl Alcohol Ethoxylate, POE-3	Liquid	0.94	54	-12	8	40 CFR 180.910, 180.930, 180.940a, 180.960
MAKONTD-50	Tridecyl Alcohol 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
MAKONTD-6	Tridecyl Alcohol 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
MAKONTD-8	Tridecyl Alcohol Ethoxylate, POE-8	Liquid	1.00	50	11	13	40 CFR 180.910, 180.930, 180.940a, 180.960
MAKONTD-9	Tridecyl Alcohol Ethoxylate, POE-9	Liquid	1.01	31	14	13	40 CFR 180.910, 180.930, 180.940a, 180.960

ALCOHOL ETHOXYLATES								
FORMULATION TYPE*								
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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



\*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	Tristyrylphenol 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 Alkoxyate, 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 Alkoxyate, 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 Alkoxyate, POE-60	Liquid	1.11	2,150	21	-	40 CFR 180.960

POLYARYLPHENOL ALKOXYLATES								
FORMULATION TYPE*								
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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	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)
	*Alkylphenol based						
STEPFAC TSP-PE	Tristyrylphenol Ethoxylate, POE-16 Phosphate Ester	98	Liquid	1.14	4,500	4	40 CFR 180.920 (<15% in pesticide)
STEPFAC TSP-PE K	Tristyrylphenol Ethoxylate, POE-16 Phosphate Ester Potassium Salt	40	Liquid	1.11	245	0	40 CFR 180.920 (<15% in pesticide)
STEPFAC TSP-PE N	Tristyrylphenol Ethoxylate, POE-16 Phosphate Ester Triethanolamine Salt	98	Liquid	1.15	4,000	5	Non-Food Only
STEPFAC TSP-PE N-60	Tristyrylphenol 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

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 Polyaryylphenol Sulfate, Ammonium Salt	93	Liquid	1.15	8,600	6	40 CFR 180.920 (<15% in pesticide)
STEOL TSP-16N-60	Ethoxylated Polyaryylphenol 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

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

SULFATES								
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

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

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](mailto:tech.service@stepaneurope.com). For other country clearances, consult the product Safety Data Sheet (SDS) or contact Stepan Technical Service at [techserv@stepan.com](mailto:techserv@stepan.com).