

Detergent Properties Listed Alphabetically

The detergents are arranged in alphabetical order. The conditions used to measure CMC values and aggregation numbers are located in the Alphabetical Product Listing section of the catalog.

Catalog #	Page #	Detergent	Type	FW	CMC mM (%)	Aggregation #
A340	20	ANAMEG®-7	N	335.4	19.5 (0.65%)	92
APT020	21	ANAPOE®-20	N	1228	0.059 (0.0072%)	
APB035	21	ANAPOE®-35	N	1198	0.091 (0.0010%)	40
APB058	21	ANAPOE®-58	N	1122	0.004 (0.00045%)	
APT080	22	ANAPOE®-80	N	1310	0.012 (0.0016%)	58
APO106	22	ANAPOE®-C ₁₀ E ₆	N	423	0.9 (0.0250%)	40
APO109	22	ANAPOE®-C ₁₀ E ₉	N	555	1.3 (0.053%)	
APO128	23	ANAPOE®-C ₁₂ E ₈	N	539	0.09 (0.0048%)	123
APO129	23	ANAPOE®-C ₁₂ E ₉	N	583	0.05 (0.003%)	
AP1210	23	ANAPOE®-C ₁₂ E ₁₀	N	627	0.2	
APO138	23	ANAPOE®-C ₁₃ E ₈	N	553	0.1 (0.0055%)	
APND40	24	ANAPOE®-NID-P40	N	603	0.05-0.3	100-155
APX100	24	ANAPOE®-X-100	N	647	0.23 (0.015%)	75-165
APX114	24	ANAPOE®-X-114	N	536	0.2 (0.011%)	
APX305	25	ANAPOE®-X-305	N	1526		
APX405	25	ANAPOE®-X-405	N	1967	0.81 (0.16%)	
AZ308	25	ANZERGENT™ 3-8	Z	279.6	390 (10.9%)	
AZ310	26	ANZERGENT™ 3-10	Z	307.6	39 (1.2%)	41
AZ312	26	ANZERGENT™ 3-12	Z	335.5	2.8 (0.094%)	55-87
AZ314	27	ANZERGENT™ 3-14	Z	363.6	0.2 (0.007%)	83-130
AZ316	27	ANZERGENT™ 3-16	Z	391.65	10-60	
AZ318	28	ANZERGENT™ 3-18	Z	417.71		
B300	28	Big CHAP	N	878.1	2.9 (0.25%)	10
B310	28	Big CHAP, deoxy	N	862.1	1.4 (0.12%)	8, 16
C640	29	C-DODECAFOS™	Z	349.17	22 (0.77%)	
C630	29	C-OCTAFOS™	Z	293.13	450 (13%)	
C316	30	CHAPS	Z	614.9	8 (0.49%)	10
C317	31	CHAPSO	Z	630.9	8 (0.50%)	11
C408	31	C-HEGA®-8	N	349.5	277 (9.7%)	
C409	32	C-HEGA®-9	N	363.5	108 (3.9%)	
C410	32	C-HEGA®-10	N	377.5	35 (1.3%)	
C411	32	C-HEGA®-11	N	391.5	11.5 (0.45%)	
C508	34	CYCLOFOS™-2	Z	293.8	256 (7.5%)	
C510	34	CYCLOFOS™-3	Z	306.91	43 (1.3%)	
C512	34	CYCLOFOS™-4	Z	320.92	14 (0.45%)	
C514	35	CYCLOFOS™-5	Z	334.95	4.5 (0.15%)	
C516	35	CYCLOFOS™-6	Z	349.17	2.68 (0.094%)	
C518	35	CYCLOFOS™-7	N	363.3	0.62 (0.022%)	
C702	36	CYGEN™ 1-3	Z	269.4	500	
C323G	36	CYGLU®-3	N	304.4	28 (0.86%)	
C324G	37	CYGLU®-4	N	318.4	1.8 (0.058%)	
C321	37	CYMAL®-1	N	438.5	340 (15%)	360
C322	38	CYMAL®-2	N	452.5	120 (5.4%)	104
C324	39	CYMAL®-4	N	480.5	7.6 (0.37%)	45
C325	39	CYMAL®-5	N	494.5	2.4 (0.12%)	66
C326	40	CYMAL®-6	N	508.5	0.56 (0.028%)	63
C327	42	CYMAL®-7	N	522.5	0.19 (0.0099%)	
C610	43	CYPFOS™-3	Z	293.3	180 (5.3%)	
D365	43	n-Decyl-N,N-dimethylamine-N-oxide	Z	201.36	10.48 (0.211%)	

Technical Data

Catalog #	Page #	Detergent	Type	FW	CMC mM (%)	Aggregation #
D352	43	n-Decyl-N,N-dimethylglycine	Z	243.4	19 (0.46%)	
D321	44	n-Decyl-β-D-glucopyranoside	N	320.4	2.2 (0.070%)	
D322	44	n-Decyl-β-D-maltopyranoside	N	482.6	1.8 (0.087%)	69
D322HA	45	n-Decyl-α-D-maltopyranoside	N	482.6	N/A	
D322LA	45	n-Decyl-β-D-maltopyranoside	N	482.6	1.8 (0.087%)	69
D323	46	n-Decyl-β-D-thiogluco-pyranoside	N	336.4	0.9 (0.30%)	
D335	47	n-Decyl-β-D-thiomaltopyranoside	N	498.6	0.9 (0.045%)	
D354	47	Decyltrimethylammonium chloride	C	236.0	2.95 (0.07%)	
D380	47	Deoxycholic acid	A	414.6	6 (0.24%)	22
D412	48	DIFOS™-12	Z	532.6	1.18 (0.063%)	
DH325	48	2,6-Dimethyl-4-heptyl-β-D-maltoside	N	468.5	27.5 (1.2%)	
D330	48	Dimethyldecylphosphine oxide	N	218.3	4.66 (0.10%)	131
D328	49	Dimethyloctylphosphine oxide	N	190.1	40 (0.76%)	41
D360	49	n-Dodecyl-N,N-dimethylamine-N-oxide	Z	229.41	1 (0.023%)	76
D350	50	n-Dodecyl-N,N-dimethylglycine	Z	271.4	1.5 (0.041%)	
D318	51	n-Dodecyl-β-D-glucopyranoside	N	348.5	0.19 (0.0066%)	
D345	51	n-Dodecyl-β-iminodipropionic acid, disodium salt	A	373.4	N/A	
D346	51	n-Dodecyl-β-iminodipropionic acid, monosodium salt	Z	351.5	N/A	
D310HA	52	n-Dodecyl-α-D-maltopyranoside	N	510.6	0.15 (0.0076%)	90
D310	52	n-Dodecyl-β-D-maltopyranoside	N	510.6	0.17 (0.0087%)	78-149
D342	55	n-Dodecyl-β-D-thiomaltopyranoside	N	526.6	0.05 (0.0026%)	
D355	55	Dodecyltrimethylammonium Chloride	C	263.89	0.046 (0.0012%)	44-61
F300	58	FOS-CHOLINE®-8	Z	295.4	114 (3.4%)	
F302	58	FOS-CHOLINE®-9	Z	309.4	39.5 (1.2%)	
F304	59	FOS-CHOLINE®-10	Z	323.4	11 (0.35%)	
F306	60	FOS-CHOLINE®-11	Z	337.4	1.85 (0.062%)	
F308	60	FOS-CHOLINE®-12	Z	351.5	1.5 (0.047%)	50-60
F310	61	FOS-CHOLINE®-13	Z	365.5	0.75 (0.027%)	
F312	62	FOS-CHOLINE®-14	Z	379.5	0.12 (0.0046%)	
F312D	62	FOS-CHOLINE®-14	Z	421.5	0.12 (0.0051%)	
F314	63	FOS-CHOLINE®-15	Z	393.5	0.07 (0.0027%)	
F316	64	FOS-CHOLINE®-16	Z	407.5	0.013 (0.00053%)	
FC109	64	FOS-CHOLINE®-ISO-9	Z	309	32 (0.99%)	
FC111	65	FOS-CHOLINE®-ISO-11	Z	337.4	26.6 (0.9%)	
FC1116	65	FOS-CHOLINE®-ISO-11-6U	Z	337.16	25.8 (0.87%)	
FCU110	65	FOS-CHOLINE®-UNSAT-11-10	Z	335.4	6.2 (0.21%)	
F208	66	FOS-MEA®-8	A	267.01	22 (0.59%)	
F210	66	FOS-MEA®-10	A	295.01	5.25 (0.15%)	
F212	66	FOS-MEA®-12	A	323.01	0.43 (0.014%)	
FF360	67	FOSFEN™-9	Z	385.21	1.35 (0.052%)	
H108	67	HEGA®-8	N	351.5	109 (3.8%)	
H109	68	HEGA®-9	N	365.5	39 (1.4%)	
H110	68	HEGA®-10	N	379.5	7 (0.26%)	
H111	68	HEGA®-11	N	393.5	1.4 (0.055%)	
H300	69	n-Heptyl-β-D-glucopyranoside	N	278.4	70 (1.9%)	
H300LA	69	n-Heptyl-β-D-glucopyranoside	N	278.4	70 (1.9%)	
H301	70	n-Heptyl-β-D-thiogluco-pyranoside	N	294.4	29 (0.85%)	
H301LA	70	n-Heptyl-β-D-thiogluco-pyranoside	N	294.4	29 (0.85%)	
H320	70	n-Hexadecyl-β-D-maltopyranoside	N	566.6	0.0006 (0.00003%)	
H355	71	Hexadecyltrimethylammonium chloride	C	320.0	0.0032 (0.000102%)	61-84
H360	71	Hexaethylene glycol monodecyl ether	N	422.6	0.9	73
H350	71	Hexaethylene glycol mono-octyl ether	N	394.5	10 (0.39%)	32
H310	72	n-Hexyl-β-D-maltopyranoside	N	426.4	210 (8.9%)	
L360S	74	LAPAO	Z	300.55	1.56 (0.052%)	126

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M319	75	MEGA-8	N	321.4	79 (2.5%)	
M325	75	MEGA-9	N	335.5	25 (0.84%)	
M320	76	MEGA-10	N	349.5	6 (0.21%)	
NIDP40	77	Nonidet P40 Substitute	N	603	50 (0.05-0.3%)	100-155
N324	78	n-Nonyl- β -D-glucopyranoside	N	306.4	6.5 (0.20%)	
N324LA	78	n-Nonyl- β -D-glucopyranoside	N	306.4	6.5 (0.20%)	
N330	79	n-Nonyl- β -D-maltopyranoside	N	468.5	6 (0.28%)	55
N335	80	n-Nonyl- β -D-thiogluco-pyranoside	N	322.4	2.9 (0.093%)	
N350	80	n-Nonyl- β -D-thiomaltopyranoside	N	484.6	3.2 (0.15%)	
N150	80	NOPOL-FOS™	Z	331.4	42.5 (1.4%)	
O355	81	Octadecyltrimethylammonium chloride	C	348.1	< 0.03 (0.001%)	
O330	81	Octaethylene glycol monododecyl ether	N	538.77	0.09 (0.0048%)	90-120
O312	82	n-Octyl- β -D-galactopyranoside	N	292.4	29.5 (0.86%)	
O311	82	n-Octyl- β -D-glucopyranoside	N	292.4	18 (0.53%)	78
O311HA	83	n-Octyl- α -D-glucopyranoside	N	292.4	.010 (0.00029%)	
O310	85	n-Octyl- β -D-maltopyranoside	N	454.4	19.5 (0.89%)	47
O314	86	n-Octyl- β -D-thiogluco-pyranoside	N	308.4	9 (0.28%)	
O314LA	86	n-Octyl- β -D-thiogluco-pyranoside	N	308.4	9 (0.28%)	
O320	86	n-Octyl- β -D-thiomaltopyranoside	N	470.6	8.5 (0.40%)	
P340	87	Pentaethylene glycol monodecyl ether	N	378.55	0.81 (0.031%)	73
P350	87	Pentaethylene glycol mono-octyl ether	N	350.5	7.1 (0.25%)	
P5008	88	PMAL™-C8	Z		N/A	
P5010	88	PMAL™-C10	Z		N/A	
P5012	88	PMAL™-C12	Z		N/A	
P5016	89	PMAL™-C16	Z		N/A	
P310	90	2-Propyl-1-pentyl maltopyranoside	N	455.5	42.5 (1.9%)	
S1010	91	Sodium cholate	A	430.6	9.5 (0.41%)	2-3
S300	91	Sodium dodecanoyl sarcosine	A	293.4	14.4 (0.42%)	
S1001	92	Sodium dodecyl sulfate	A	288.38	2.6 (0.075%)	62-101
S2033	93	Sodium taurocholate	A	537.7	3-11 (0.16-0.59%)	4
S350	93	Sucrose monododecanoate	N	524.61	0.3 (0.016%)	
T360	94	n-Tetradecyl-N,N-dimethylamine-N-oxide	Z	257.46	0.29 (0.0075%)	
T305	94	n-Tetradecyl-N,N-dimethylglycine	Z	299.4	0.034 (0.0010%)	
T315	94	n-Tetradecyl- β -D-maltopyranoside	N	538.6	0.01 (0.00054%)	
T355	95	Tetradecylmethylammonium chloride	C	279.9	0.032 (0.0009%)	62-81
T350	95	Tetraethylene glycol mono-octyl ether	N	306.45	8 (0.25%)	82
T323	96	n-Tridecyl- β -D-maltopyranoside	N	524.6	0.033 (0.0017%)	105
T370	97	TRIPAO		362.55	4.5	
T1001	98	Triton® X-100	N	647	0.23 (0.015%)	75-165
T1002	98	Triton® X-114	N	536	0.2 (0.011%)	
T1003	98	Tween® 20	N	1228	0.059 (0.0072%)	
T1004	99	Tween® 80	N	1310	0.012 (0.0016%)	58
U300	100	n-Undecyl- β -D-maltopyranoside	N	496.6	0.59 (0.029%)	74
U300HA	100	n-Undecyl- α -D-maltopyranoside	N	496.6	0.58 (0.029%)	
U342	102	n-Undecyl- β -D-thiomaltopyranoside	N	512.7	0.21 (0.011%)	
U360	99	n-Undecyl-N,N-dimethylamine-oxide	Z	215.38	3.21 (0.069%)	
U310	102	ω -Undecylenyl- β -D-maltopyranoside	N	494.6	1.2 (0.059%)	

The types of detergents: A = Anionic / C = Cationic / N = Nonionic / Z = Zwitterionic