



JBScreen Detergents HTS

Cat.-No.: CS-525

SCREEN FORMULATION



No.	Detergent	Type	CAS#	MW	CMC (mM)	Conc. (mM)
A1	Octyl maltoside, fluorinated	Non ionic	118680-70-9	688.4	1.02	6.00
A2	ANAPOE® NID-P40	Non ionic	2497-59-8	603.0	0.30	3.00
A3	1,2-Diheptanoyl-sn-Glycero-3-Phosphocholine	Zwitterionic	39036-04-9	481.6	1.40	8.40
A4	Big CHAP, deoxy	Non ionic	86303-23-3	862.1	1.40	8.40
A5	C12E8	Non ionic	3055-98-9	538.8	0.09	0.90
A6	ANAPOE®-C10E9	Non ionic	26183-52-81	555.0	1.30	7.80
A7	CYCLOFOS®-4	Zwitterionic	675126-15-5	320.9	14.00	56.00
A8	CYGLU-3	Non ionic	869541-00-4	304.4	28.00	112.00
A9	CYMAL®-6	Non ionic	228579-27-9	508.5	0.56	5.60
A10	n-Dodecyl-β-D-maltoside	Non ionic	69227-93-6	510.6	0.17	1.70
A11	Dimethyldodecylphosphine oxide	Non ionic	871-95-4	246.4	0.57	5.70
A12	FOS-Choline®-10	Zwitterionic	70504-28-8	323.4	11.00	44.00
B1	HECAMEG	Non ionic	115457-93-5	335.4	19.50	78.00
B2	n-Hexyl-β-D-glucoside	Non ionic	59080-45-4	264.4	250.00	1,250.00
B3	MEGA-10	Non ionic	85261-20-7	349.5	7.00	70.00
B4	n-Decyl-α-D-maltoside	Non ionic	168037-12-5	482.6	1.60	9.60
B5	DDMAB	Zwitterionic	15163-30-1	299.5	4.30	25.80
B6	n-Nonyl-β-D-glucoside	Non ionic	69984-73-2	306.4	6.5	32.50
B7	n-Octyl-β-D-glucoside	Non ionic	29836-26-8	292.4	18.00	72.00
B8	CHAPS	Zwitterionic	75621-03-3	614.9	8.00	40.00
B9	n-Undecyl-N,N-Dimethylamine-Oxide	Zwitterionic	15178-71-9	215.4	3.20	19.20
B10	TWEEN® 80	Non ionic	9005-65-6	1309.7	0.01	0.12
B11	n-Decanoylsucrose	Non ionic	31835-06-0	496.6	2.50	15.00
B12	ZWITTERGENT® 3-08	Zwitterionic	15178-76-4	279.4	330.00	1,650.00





JBScreen Detergents HTS

Cat.-No.: CS-525

SCREEN FORMULATION



No.	Detergent	Type	CAS#	MW	CMC (mM)	Conc. (mM)
C1	1,2-dioctanoyl-sn-glycero-3-phosphocholine	Zwitterionic	19191-91-4	509.6	0.27	2.70
C2	2,6-Dimethyl-4-heptyl-β-D-maltoside	Non ionic	869638-31-3	468.5	27.50	110.00
C3	C6E3	Non ionic	25961-89-1	234.3	100.00	1,000.00
C4	C8E5	Non ionic	19327-40-3	350.5	7.10	35.50
C5	ANAPOE®-C13E8	Non ionic	9043-30-5	553.0	0.10	1.00
C6	CYCLOFOS®-6	Zwitterionic	657393-65-2	349.2	2.68	16.08
C7	CYMAL®-3	Non ionic	181135-58-0	466.5	30.00	120.00
C8	Decyl Maltose Neopentyl Glycol	Non ionic	1257852-99-5	949.8	0.04	0.36
C9	Lauryl Maltose Neopentyl Glycol	Non ionic	1257852-96-2	1005.2	0.01	0.10
C10	FOS-Choline®-12	Zwitterionic	29557-51-5	351.5	1.50	9.00
C11	Genapol® X-100	Non ionic	9043-30-5	641.0	7.50	30.00
C12	n-Heptyl-β-D-glucopyranoside	Non ionic	78617-12-6	278.4	79.00	790.00
D1	Dimethylnonylphosphine oxide	Non ionic		204.1	10.00	40.00
D2	n-Decyl-N,N-Dimethylamine-Oxide	Non ionic	2605-79-0	201.4	10.50	42.00
D3	n-Decyl-β-D-thiomaltoside	Non ionic	14565-56-4	498.6	0.90	9.00
D4	n-Heptyl-β-D-thioglucoiside	Non ionic	85618-20-8	294.4	29.00	116.00
D5	n-Octyl-β-D-maltoside	Non ionic	82494-08-4	454.4	19.50	78.00
D6	Nonidet P40	Non ionic	127087-87-0	573.0	0.20	2.00
D7	FOS-Choline®-14	Zwitterionic	77733-28-9	379.5	0.12	1.20
D8	C-HEGA-11	Non ionic	864434-16-2	391.5	3.00	46.00
D9	ZWITTERGENT 3-16	Zwitterionic	2281-11-0	391.7	0.06	0.60
D10	TRIPAO	Zwitterionic	318293-46-8	362.5	4.50	27.00
D11	TWEEN 20	Non ionic	9005-64-5	1228.0	0.06	0.59
D12	Omega-Undecylenyl-β-D-Maltoside	Non ionic	869704-76-7	494.6	1.20	7.20





JBScreen Detergents HTS

Cat.-No.: CS-525

SCREEN FORMULATION



No.	Detergent	Type	CAS#	MW	CMC (mM)	Conc. (mM)
E1	LysoFos Choline 10	Synthetic Lipid	22248-63-1	411.4	8.00	40.00
E2	MEGA-9	Non ionic	85261-19-4	335.4	25.00	250.00
E3	BRIJ® 35	Non ionic	9002-92-0	1198.0	0.09	0.90
E4	C10E5	Non ionic	23244-49-7	378.5	0.81	8.10
E5	CHAPSO	Zwitterionic	82473-24-3	630.9	8.00	40.00
E6	CYMAL®-4	Non ionic	181135-57-9	480.5	7.60	38.00
E7	CY-TRIPGLU	Non ionic	1126527-71-6	665.8	1.80	10.80
E8	n-Decyl-β-D-maltoside	Non ionic	82494-09-5	482.6	1.80	18.00
E9	Dimethylundecylphosphine oxide	Non ionic		232.3	1.20	7.20
E10	FOS-Choline®-ISO-11	Zwitterionic	869647-65-4	337.4	26.60	106.40
E11	HEGA-10	Non ionic	139361-84-5	379.5	7.00	35.00
E12	Façade-EM	Non ionic		1115.3	0.18	1.80
F1	LPAO	Zwitterionic	61792-31-2	300.6	1.60	9.60
F2	n-Decyl-N,N-dimethylglycine	Zwitterionic	2644-45-3	243.4	19.00	76.00
F3	n-Dodecyl-N,N-dimethylglycine	Zwitterionic	683-10-3	271.4	1.50	9.00
F4	n-Tridecyl-β-D-maltoside	Non ionic	93911-12-7	524.6	0.03	0.30
F5	n-Undecyl-β-D-maltoside	Non ionic	253678-67-0	496.6	0.59	5.90
F6	Ph-TRIPGLU	Non ionic	1126527-67-0	659.8	3.60	21.60
F7	Sodium deoxycholate	Ionic	302-95-4	414.6	4.00	40.00
F8	ZWITTERGEN® 3-10	Zwitterionic	15163-36-7	307.6	40.00	400.00
F9	C8E4	Non ionic	19327-39-0	306.5	8.00	40.00
F10	C8E6	Non ionic	4440-54-4	394.5	10.00	50.00
F11	ANAPOE®-X-114	Non ionic	9036-19-5	426.6	0.20	2.00
F12	ANAPOE®-X-305	Non ionic	9002-93-1	1526.0	0.65	6.50





JBScreen Detergents HTS

Cat.-No.: CS-525

SCREEN FORMULATION



No.	Detergent	Type	CAS#	MW	CMC (mM)	Conc. (mM)
G1	C6E4	Non ionic	39619-69-7	278.4	30.00	120.00
G2	C7E5	Non ionic	65316-79-2	336.5	21.00	210.00
G3	Octyl Glucose Neopentyl Glycol	Non ionic	1257853-32-9	568.7	1.02	10.20
G4	C12E9	Non ionic	3055-99-0	582.8	0.08	0.80
G5	ANAPOE®-C12E10	Non ionic	6540-99-4	627.0	0.20	2.00
G6	FOS-Choline®-UNSAT-11-10	Zwitterionic	121045-77-0	335.4	6.20	31.00
G7	CYMAL®-7	Non ionic	349477-49-2	522.5	0.19	1.90
G8	MEGA-8	Non ionic	85316-98-9	321.4	79.00	790.00
G9	n-decyl-β-D-glucoside	Non ionic	58846-77-8	320.4	2.20	13.20
G10	n-Dodecyl-N,N-dimethylamine-N-oxide	Zwitterionic	1643-20-5	229.4	2.00	20.00
G11	n-Dodecyl-α-D-maltoside	Non ionic	116183-64-3	510.6	0.15	1.50
G12	n-Nonyl-β-D-maltoside	Non ionic	106402-05-5	468.5	6.00	30.00
H1	n-Octyl-β-D-thiomaltoside	Non ionic	148616-91-5	470.6	8.50	42.50
H2	n-Undecyl-β-D-thiomaltoside	Non ionic	148565-57-5	512.7	0.05	0.50
H3	OHES	Non ionic	7305-30-8	206.4	24.20	96.80
H4	1,2-Dihexanoyl-sn-Glycero-3-Phosphocholine	Zwitterionic	34506-67-7	453.5	15.00	60.00
H5	LysoFos Choline 12	Synthetic Lipid	20559-18-6	439.5	0.70	7.00
H6	RDHPOS	Non ionic	142741-63-7	236.4	24.20	96.80
H7	Sodium cholate hydrate	Ionic	206986-87-0	430.6	11.50	115.00
H8	Sodium dodecyl sulfate	Ionic	151-21-3	288.4	8.20	82.00
H9	ZWITTERGENT® 3-12	Zwitterionic	14933-08-5	335.6	4.00	40.00
H10	n-Dodecyl β-D-glucoside	Non ionic	59122-55-3	348.5	0.13	1.30
H11	ANAPOE® X-100	Non ionic	9002-93-1	647.0	0.23	2.30
H12	PCC-α-maltoside	Non ionic		547.7	0.04	0.36

