

Cleaning



Surfactant Guide

Surfactant

Surfactant Type	Trade Name	Chemical Description	CAS-Nummer
Anionics	ALFANOX® 46	Sodium C14-16 Olefin Sulfate	68439-57-6
	EMAL® 10 Range	Sodium Lauryl Sulfate	85586-07-8
	EMAL® 270D	Sodium Laureth Sulfate	68891-38-3
	EMAL® 228 HP or D/JM	Sodium Laureth Sulfate	68891-38-3
	EUCAROL AGE/ET	Sodium Alkylpolyglucose Tartrate	n.n.
	ICTEOL® K-50	Potassium Oleate	68424-23-7
	Libratex DOS70E	70% Sodium Di-Octyl Sulphosuccinate in Water/Ethanol	577-11-7
Anionics/ Non-ionics	SULFONAX®	Dodecylbenzene Sulfonic Acid	85536-14-7
	AKYPO® LF 1	Capryleth-6 Carboxylic Acid	53563-70-5
	AKYPO® LF 2	Capryleth-9 Carboxylic Acid	53563-70-5
	AKYPO® LF 4	Capryleth-9 Carboxylic Acid/Hexeth-4 Carboxylic Acid	53563-70-5/105391-15-9
	AKYPO® LF 6	Caprleth-9 Carboxylic Acid/Buteth-2 Carboxylic Acid	53563-70-5/107600-34-0
	AKYPO® LM-40	Lauryl/Myristil Ether Carboxylic Acid	27306-90-7
Non-ionics	AKYPO® RLM 45 CA	Laureth-6 Carboxylic Acid	27306-90-7
	AMIDET® B-112	Cocamide DEA	68603-42-9
	AMIDET® N	PEG-4 Rapeseedamide	85536-23-8
	CHIMIPAL PE 56/N	Ethoxylated - Propoxylated Fatty Alcohol	n.n.
	CHIMIPAL PE 74/N	Ethoxylated - Propoxylated Fatty Alcohol	n.n.
	CHIMIPAL PE 403	Ethoxylated - Propoxylated Fatty Alcohol	n.n.
	CHIMIPAL PE 8491	Ethoxylated - Propoxylated Fatty Alcohol	n.n.
	EMANON® XLF	Glycereth-7 Capylate/Caprates	361459-38-3
	FINDET® 10/18	Deceth-6	308061-30-5
	FINDET® 1214N RANGE	Laureth-n & Myreth-n	68439-50-9 (12 EO)
	FINDET® AR/52	PEG-40 Castor Oil	61791-12-6
	FINDET® ARH/52	PEG-40 Hydrogenated Castor Oil	61788-85-0
	FINDET® SE-2411	Polyoxyethylene and Polyoxypropylene Decyl Alcohol	68154-97-2
	KAOPAN® TWL-120	Polysorbate-20	9005-64-5
	LEVENOL® C-421	Glycereth-2 Cocoate	68201-46-7
	LEVENOL® C-301	Glycereth-7 Cocoate	68201-46-7
	LEVENOL® C-201	Glycereth-17 Cocoate	68201-46-7
	LEVENOL® F-200	Glycereth-6 Cocoate	68201-46-7
	LibraCare APG 06	Hexyl Glucoside	54549-24-5
	LibraCare APG 0810-70S	Caprylyl/Capryl Glucoside	68515-73-1
	LibraCare APG 1214	Lauryl Glucoside	110615-47-9
	Libranol CDG	Coconut Diethanolamine	68155-07-7
	Libranol RDG-LA	Rapeseed Diethanolamide	68187-80-4
	OXIDET® DM-4	Myristamine Oxide	3332-27-2
	OXIDET® DM-20	Lauramine Oxide	1643-20-5
	OXIDET® DM-246	Cocamine Oxide	70592-80-2
	OXIDET® DMCLD	Cocamine Oxide	61788-90-7
	OXIDET® L-75 C	Cocoamidopropylamine Oxide	68155-09-9
	ROLFOR 1012/490	C10-12 Linear Alcohol 5 EO	n.n.
Amphoterics	BETADET® HR or HR-50K	Cocamidopropyl Betaine	61789-40-0
	BETADET® S-20	Lauryl Hydroxysultaine	13197-76-7
	BETADET® SHR	Cocamidopropyl Hydroxysultaine	68139-30-0
	Librateric 110	Coco Amphopropionate, Sodium Salt - 40% aqueous	93820-52-1
	Librateric AA30	Coco Imino Dipropionate - 30% Sodium Salt in Water	90170-43-7
	Librateric BA-40	2-Ethylhexyl Imino Dipropionate - 40% Sodium Salt in Water	94441-92-6
	Librateric BA-60	2-Ethylhexyl Imino Dipropionate - 60% Sodium Salt in Water	94441-92-6
	Librateric BA-70	2-Ethylhexyl Imino Dipropionate - Potassium Salt in Water	90170-42-6
Cationics	Libranox AO 1214	30% aqueous Solution of Alkyl Dimethylamine Oxide	308062-28-4
	Libranox AO 10-30	Decylamine Oxide	2605-79-0
	TETRANYL® AT-7590	Partially Hydrogenated Tallow Esterquat	91995-81-2
	TETRANYL® L1/90 S	Partially Hydrogenated Tallow Esterquat	91995-81-2
	TETRANYL® L6/90	Partially Hydrogenated Palm Esterquat	91995-81-2
	TETRANYL® AT-1	Tallow Esterquat	93334-15-7
	TETRANYL® AO-1	Dioloylethyl Hydroxyethylmonium Methosulfate	94095-35-9
	TETRANYL® CO-40	Dioloylethyl Hydroxyethylmonium Methosulfate	94095-35-9
	TETRANYL® DM-24	Quaternary Ammonium Compounds, Alkyltrimethyl Methosulfate	96690-44-7
	TETRANYL® BC-50	Benzalkonium Chloride	68424-85-1

Properties

Active Matter %	Appearance (r.t.)	x EO	pH	Cloud / Pour Point °C	HLB Value	Chloride Content (%NaCl)	Density (r.t.)	CLP Classification	Biodegradability
≈ 38	Liquid		6 - 8				1.057	H315, H318	Aerobic
> 95	Solid		7.5 - 10.5				0.67 - 0.77	H302, H315, H318, H412	Aerobic + Anaerobic
≈ 70	Paste	2	7.0 - 9.0			< 0.10	1.11	H315, H318, H412	Aerobic + Anaerobic
≈ 27	Liquid	2	HP: 9.5 - 11.5; D/JM: 6.0 - 7.0			≤ 0.2	1.03	H315, H318, H412	Aerobic + Anaerobic
30	Liquid		≈ 5.0					none	Aerobic
≈ 48	Liquid/Paste		9.5 - 10.5				≈ 1.047 (30°C)	none	Aerobic + Anaerobic
≈ 70	Liquid		5.0 - 8.0	< 0			1.0	H226, H315, H318	Aerobic + Anaerobic
> 95	Liquid		1.0 - 2.0				1.05	H302, H314, H318, H412	Aerobic
≈ 90	Liquid	5	2.0 - 3.5			≤ 1.0	1.05	H318	Aerobic
≈ 89	Liquid	8	1.5 - 2.5			≤ 1.2	1.05	H318	Aerobic + Anaerobic
≈ 89	Liquid	8/3	1.6 - 2.8			≤ 0.9	1.05	H315, H318	Aerobic
≈ 87	Liquid	8/1	2.0 - 3.2			≤ 2.0	1.06	H318	Aerobic
≈ 92	Liquid	> 3	2.0 - 3.5			≤ 1.0	0.97 - 1.0	H318	Aerobic
≈ 92	Liquid	4.5	2.7 - 3.2			≤ 1.0	1.0 - 1.1	H318	Aerobic
≈ 100	Liquid		9.0 - 11.0				0.994	H315, H318, H411	Aerobic
≈ 95	Liquid	3	9.2 - 10.2				0.997	H315, H412	Aerobic + Anaerobic
100	Liquid		≈ 7	≈ 30			≈ 0.94	none	Aerobic
100	Liquid		≈ 7	≈ 11			≈ 0.97	none	Aerobic
100	Liquid		5.0 - 7.0	≈ 33			0.95 - 1.00	none	Aerobic
100	Liquid		≈ 6	≈ 43				none	Aerobic
≈ 100	Liquid	7	5.0 - 7.0		≈ 17		≈ 1.124	H318	Aerobic + Anaerobic
≈ 100	Liquid	6	6.0 - 7.0	51 - 53	≈ 13		≈ 0.983	H302, H318	Aerobic
≈ 100	Liquid/Paste	n	6.0 - 8.0		≈ 8 - 14		≈ 0.9	H302, H318, H412 (12 EO)	Aerobic
≈ 100	Liquid	40	6.0 - 7.0		≈ 14		1.055	none	Aerobic
≈ 100	Soft Paste	40	6.0 - 7.0		≈ 14		1.04 (40°C)	none	Aerobic
≈ 100	Liquid		5.0 - 7.0	29 - 31			≈ 0.99 (30°C)	H412	Aerobic
≈ 100	Liquid	20	6.0 - 8.0		≈ 17		1.1	none	Aerobic
≈ 100	Liquid	2	6.0 - 8.0		≈ 11		≈ 1.080	none	Aerobic + Anaerobic
≈ 100	Liquid	7	5.0 - 7.0		≈ 14		≈ 1.040	none	Aerobic + Anaerobic
≈ 100	Liquid	17	5.0 - 7.0		≈ 13		1.04	none	Aerobic + Anaerobic
≈ 100	Liquid	6	5.0 - 7.0		≈ 15		1.08	none	Aerobic + Anaerobic
≈ 75	Liquid		7.0 - 9.0	< 0			1.170	H318	Aerobic
≈ 66	Liquid		7.0 - 9.0	< 0			1.15 - 1.17	H318	Aerobic
≈ 51	Liquid/Paste		11.5 - 12.5	> 25			1.07 - 1.11	H315, H318	Aerobic
> 81	Liquid/Paste		8.0 - 10.0	> 20			1.0	H315, H318, H411	Aerobic
> 81	Liquid/Paste		9.6 - 10.6	< 3			1.0	H315, H318, H411	
≈ 30	Liquid		6.5 - 8.5				0.959	H315, H318, H400, H411	Aerobic + Anaerobic
≈ 30	Liquid		6.0 - 8.0				0.973	H315, H318, H400, H411	Aerobic + Anaerobic
≈ 30	Liquid		6.0 - 7.0				≈ 0.966	H315, H318, H400, H411	Aerobic + Anaerobic
≈ 30	Liquid		6.0 - 8.0				0.965	H315, H318, H400, H411	Aerobic + Anaerobic
≈ 33	Liquid		6.5 - 7.5				0.99	H318	Aerobic + Anaerobic
100	Liquid	5	≈ 6	≈ 35	≈ 12			H318	Aerobic
≈ 30 or ≈ 40	Liquid		4.0 - 4.5			≤ 6.0 - 7.5	1.07	H318, H412	Aerobic + Anaerobic
≈ 38	Liquid		6.0 - 8.0			6.3 - 7.3	≈ 1.1	H319	Aerobic
≈ 44	Liquid		5.0 - 7.0			≤ 6.5	≈ 1.12	H319	Aerobic
≈ 40	Liquid		6.0 - 8.0	28 - 33			1.03 - 1.07	H317, H319	
≈ 30	Liquid		7.5 - 9.5	40 - 50			1.03	H319	Aerobic
≈ 40	Liquid		8.2 - 8.8	45 - 50			1.075 - 1.095	none	Aerobic
≈ 60	Liquid		6.0 - 7.0	63 - 68			1.05 - 1.15	none	Aerobic
≈ 65	Liquid		8.2 - 8.8	65 - 70			1.128	none	Aerobic
≈ 30	Liquid		6.0 - 8.0	< 0			0.97	H315, H318, H400, H411	Aerobic
≈ 30	Liquid		6.0 - 8.0	< 0			0.97	H302, H318, H400, H411	Aerobic
≈ 90	Paste/Solid		2.0 - 3.0				0.9693 (50°C)	H226	Aerobic + Anaerobic
≈ 90	Paste/Solid		2.0 - 3.0				0.954 (50°C)	H226	Aerobic + Anaerobic
≈ 90	Paste/Solid		2.0 - 3.0				0.968 (50°C)	H226	Aerobic + Anaerobic
≈ 85	Liquid/Paste		2.0 - 3.0				0.958 (40°C)	H226	Aerobic + Anaerobic
≈ 90	Liquid		2.0 - 3.0				0.996	H226, H315, H319	Aerobic + Anaerobic
≈ 80	Liquid		2.0 - 3.0				0.994 - 0.998	H315, H319	Aerobic + Anaerobic
≈ 50	Liquid		7.0 - 9.0				1.02	H302, H315, H318	Aerobic + Anaerobic
≈ 50	Liquid		6.0 - 9.0				0.98	H290, H302, H314, H318, H400, H410	Aerobic

Benefits

Applications

Trade Name	Foaming	Thickening	Degreasing	Hydrotropic	Wetting	Emulsifying	Dispersing	Label Free	Compatibility				Liquid Detergent	Powder Detergent	Laundry Detergent	Softener	Hard Surface Cleaner	Vehicle Cleaning	Low-Foam Cleaner	Foam Cleaner
									Anionics	Non-ionics	Amphoterics	Cationics								
ALFANOX® 46	High								•	•	•		•		•		•	•		•
EMAL® Range	High				•	•	•		•	•	•		•	•	•		•	•		•
EMAL® 270D	High					•			•	•	•	•	•		•		•	•		•
EMAL® 228 HP or D/JM	High					•	•		•	•	•	•	•		•		•	•		•
EUCAROL AGE/ET	High				•	•		•	•	•	•		•				•			•
ICTEOL® K-50	High								•	•	•	•	•		•					
Libratex DOS70E					•		•		•	•	•				•		•	•		
SULFONAX®	High								•		•		•		•		•	•		•
AKYPO® LF 1	Low			•	•		•		•	•	•	•					•	•	•	
AKYPO® LF 2	Low			•	•		•		•	•	•	•					•	•	•	
AKYPO® LF 4	Low			•	•		•		•	•	•	•					•	•	•	
AKYPO® LF 6	Low			•	•		•		•	•	•	•					•	•	•	
AKYPO® LM-40	High			•	•		•		•	•	•	•	•				•	•		•
AKYPO® RLM 45 CA	High			•							•		•				•			•
AMIDET® B-112	High	•				•			•	•	•	•	•		•		•	•		•
AMIDET® N	High	•				•			•	•	•	•	•		•		•	•		•
CHIMIPAL PE 56/N	Low		•		•	•	•	•	•	•	•	•	•				•		•	
CHIMIPAL PE 74/N	Low		•		•	•	•	•	•	•	•	•	•				•		•	
CHIMIPAL PE 403	Low		•		•	•	•	•	•	•	•	•	•				•		•	
CHIMIPAL PE 8491	Low		•		•	•	•	•	•	•	•	•	•				•		•	
EMANON® XLF	High				•	•			•	•	•	•	•				•			•
FINDET® 10/18			•		•	•	•		•	•	•	•	•				•	•	•	
FINDET® 1214N RANGE					•	•	•		•	•	•	•	•		•		•	•	•	
FINDET® AR/52						•	•	•	•	•	•	•	•		•		•	•		
FINDET® ARH/52						•	•	•	•	•	•	•	•		•		•	•		
FINDET® SE-2411					•	•	•		•	•	•	•	•		•		•	•	•	
KAOPAN® TWL-120						•		•	•	•	•	•	•		•		•	•		
LEVENOL® C-421	Medium	•			•	•		•	•	•	•	•	•	•	•		•			•
LEVENOL® C-301	Medium			•	•	•		•	•	•	•	•	•	•	•		•		•	
LEVENOL® C-201	Low					•		•	•	•	•	•	•	•	•		•		•	
LEVENOL® F-200	Medium		•	•	•	•		•	•	•	•	•	•	•	•		•		•	
LibraCare APG 06	Low		•	•	•		•		•	•	•	•	•	•	•		•		•	
LibraCare APG 0810-70S	High		•	•	•		•		•	•	•	•	•	•	•	•	•	•		•
LibraCare APG 1214	High		•	•	•		•		•	•	•	•	•	•	•	•	•	•		•
Libranol CDG	High		•		•				•	•	•	•	•	•			•	•		•
Libranol RDG-LA	High	•	•		•				•	•	•	•	•				•	•		•
OXIDET® DM-4	High	•	•						•	•	•	•	•				•	•		•
OXIDET® DM-20	High	•	•						•	•	•	•	•				•	•		•
OXIDET® DM-246	High	•	•						•	•	•	•	•				•	•		•
OXIDET® DMCLD	High	•	•						•	•	•	•	•				•	•		•
OXIDET® L-75 C	High	•							•	•	•	•	•				•	•		•
ROLFOR 1012/490	Medium		•		•	•			•	•	•	•	•		•		•	•		•
BETADET® HR or HR-50K	High	•							•	•	•	•	•				•	•		•
BETADET® S-20	High	•	•						•	•	•	•	•				•	•		•
BETADET® SHR	High	•	•						•	•	•	•	•				•	•		•
Librateric 110	High			•					•	•	•	•	•				•	•		•
Librateric AA30	High			•					•	•	•	•	•				•	•		•
Librateric BA-40	Low			•	•				•	•	•	•	•				•	•	•	
Librateric BA-60	Low			•	•				•	•	•	•	•				•	•	•	
Librateric BA-70	Low			•	•				•	•	•	•	•				•	•	•	
Libranox AO 1214	High	•	•	•					•	•	•	•	•				•	•		•
Libranox AO 10-30	Low	•	•						•	•	•	•	•						•	•
TETRANYL® AT-7590										•	•	•				•			•	
TETRANYL® L1/90 S										•	•	•				•				
TETRANYL® L6/90										•	•	•				•				
TETRANYL® AT-1										•	•	•				•				
TETRANYL® AO-1										•	•	•				•				
TETRANYL® CO-40										•	•	•				•				
TETRANYL® DM-24	Medium		•	•		•			•	•	•	•	•				•	•		
TETRANYL® BC-50										•	•	•	•				•			

Remarks

Trade Name	Details
ALFANOX® 46	
EMAL® 10 Range	
EMAL® 270D	
EMAL® 228 HP or D/JM	HP: preservative free; DJM: preserved with Bronopol
EUCAROL AGE/ET	
ICTEOL® K-50	
Libratex DOS70E	Not stable in strong oxidising media, is hydrolysed by acids and alkalis but generally stable between pH 5-9
SULFONAX®	
AKYPO® LF 1	Alkali stability and solubility, stable against electrolytes; hard water stability, support of corrosion prevention
AKYPO® LF 2	Alkali stability and solubility, stable against electrolytes; hard water stability, support of corrosion prevention; suitable for Ecolabel
AKYPO® LF 4	Alkali stability and solubility, stable against electrolytes; hard water stability, support of corrosion prevention
AKYPO® LF 6	Alkali stability and solubility, stable against electrolytes and hypochlorit; hydrolysis- and temperature stable; boost corrosion protection
AKYPO® LM-40	For high-foaming applications
AKYPO® RLM 45 CA	
AMIDET® B-112	
AMIDET® N	Free of nitrosamines
CHIMIPAL PE 56/N	
CHIMIPAL PE 74/N	
CHIMIPAL PE 403	
CHIMIPAL PE 8491	
EMANON® XLF	Suitable for high-concentrated liquid detergents
FINDET® 10/18	
FINDET® 1214N RANGE	
FINDET® AR/52	Solubilizer
FINDET® ARH/52	Solubilizer
FINDET® SE-2411	
KAOPAN® TWL-120	Emulsifier, solubilizer
LEVENOL® C-421	Non-labelled for CLP
LEVENOL® C-301	Non-labelled for CLP
LEVENOL® C-201	Non-labelled for CLP
LEVENOL® F-200	Non-labelled for CLP
LibraCare APG 06	Alkali stability and solubility, stable against electrolytes
LibraCare APG 0810-70S	Alkali stability and solubility, stable against electrolytes
LibraCare APG 1214	Alkali stability and solubility, stable against electrolytes
Libranol CDG	Alkali stability and solubility, stable against electrolytes
Libranol RDG-LA	Alkali stability and solubility, stable against electrolytes
OXIDET® DM-4	Perfume solubilizer, stable in presence of electrolytes and hard water
OXIDET® DM-20	Perfume solubilizer, stable in presence of electrolytes and hard water
OXIDET® DM-246	Perfume solubilizer, stable in presence of electrolytes and hard water
OXIDET® DMCLD	Perfume solubilizer, stable in presence of electrolytes and hard water
OXIDET® L-75 C	
ROLFOR 1012/490	
BETADET® HR or HR-50K	Stable at alkaline or acid conditions
BETADET® S-20	Stable at alkaline or acid conditions, stable at cold temperatures
BETADET® SHR	Stable at alkaline or acid conditions
Librateric 110	Salt free, stabiliser in acidic and alkaline solutions
Librateric AA30	Salt free, stabiliser in acidic and alkaline solutions; synergistic effects with non-ionics
Librateric BA-40	Salt free, stabiliser in acidic and alkaline solutions; synergistic effects with non-ionics; Nordic Swan approved for usage in Car and Boat care products
Librateric BA-60	Salt free, stabiliser in acidic and alkaline solutions; synergistic effects with non-ionics; Nordic Swan approved for usage in Car and Boat care products
Librateric BA-70	Salt free, stabiliser in acidic and alkaline solutions; synergistic effects with non-ionics
Libranox AO 1214	Stable in acidic and alkaline formulations, suitable for use in sodium hypochlorite and hydrogen peroxide based bleach products
Libranox AO 10-30	Stable in acidic and alkaline formulations
TETRANYL® AT-7590	Softening effect, antistatic effect
TETRANYL® L1/90 S	Softening effect, antistatic effect
TETRANYL® L6/90	Softening effect, antistatic effect, vegetable origin
TETRANYL® AT-1	Softening effect, antistatic effect, low temperature process
TETRANYL® AO-1	Softening effect, antistatic effect, low temperature process, vegetable origin
TETRANYL® CO-40	Softening effect, antistatic effect, low temperature process
TETRANYL® DM-24	
TETRANYL® BC-50	Disinfectant

Our Surfactant Partners



Libra



Imprint

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