BASF
We create chemistry

Product Range
Home Care and I&I Solutions North America

- APG®
- Aseptrol®
- Comperlan®
- Dehydol®
- Dehypon®
- Dehypound®
- Dehyquart®
- Dehyton®
- Demelan®
- Deriphat®
- Glucopon®
- Inoterra®
- Klearfac®
- Korantin®
- Larostat®
- Lavergy™
- Lupasol®
- Lutensol®
- Luvipur®
- Lutropur®
- Myacide®
- Plantapon®
- Plantatex®
- Plurafac®
- Pluriol®
- Pluronic®
- Polyquart®
- Protectol®
- Rheovis®
- Sokalan®
- Standapol®
- Sulfopon®
- Tetronic®
- Texapon®
- Tinogard®
- Tinopal®
- Trilon®

Water Soluble Polymers

Special Polymers

Product	Chemical Nature	Physical Form	Active Matter [%]	Molar mass [g/mol]	pH [10% in dist. Water]	Bulk Density [g/L]	Density [g/cm³]	Viscosity [mPa·s]
Polyquart® PN 60	Polyethylene imine, modified	Liquid	40		4	–	1.13	500
Polyquart® 149	Acrylic copolymer, sodium salt	Liquid	22		6.5**	–	1.05	250
Polyquart® Pro A						–	1.03	250
Polyquart® Ecoclean	Amphoteric modified starch	Liquid	22		5.6**	–	1.10	300
Sokalan® HP 22 G	Nonionic copolymer	Liquid	20	30 000	6	–	1.03	300
Sokalan® HP 20	Multifunctional polyethylene imine	Liquid	80		10*	–	1.12 (25 °C)	850 (25 °C)
Sokalan® HP 50	Polyvinylpyrrolidone	Powder	96	40 000	4	400	–	–
Sokalan® HP 56 K	Vinylpyrrolidone/ Vinylimidazole copolymer, modified	Liquid	30	70 000	8	–	1.07	300
Sokalan® HP 56 Granules		Granules	95	70 000	8	450	–	–
Sokalan® HP 66 K	Vinylpyrrolidone/ Vinylimidazole copolymer, modified	Liquid	41		8	–	1.10	2000
Sokalan® HP 165	Polyvinylpyrrolidone	Liquid	30	–	3–7	–	–	–
Sokalan® HP 96	Quaternated Hexa-methylene diamine, ethoxylated	Liquid	70		9.5		1.13	350
Sokalan® K 17 P	Polyvinylpyrrolidone	Powder	98	9 000	4	450	–	–
Sokalan® K 90 P		Powder	98	14 000	7	450	–	–

Note:
* = pH 1% in dist. Water, ** = undiluted, DIN 19268

Thickener

Product	Chemical Nature	Physical Form	Active Matter [%]	pH	Bulk Density [g/L]	Density [g/cm³]	Viscosity [mPa·s]
Rheovis® AT 120	Methacrylic acid/acrylic acid ester copolymer, modified	Dispersion	30	3	–	1.05	30
Rheovis® CDE	Polyacrylate, cationically modified	Dispersion	50	3.5**	–	1.00	150
Rheovis® FRC		Dispersion	55	3.5**	–	1.05	3000
Rheovis® TTA	Acrylic copolymer, modified	Dispersion	30	2**	–	1.07	10**

** = undiluted, DIN 19268

all Polymer data are to be seen as approximately values

Dispersing Agents

Product	Chemical Nature	Physical Form	Active Matter [%]	Molar Mass [g/mol]	pH [10% in dist. Water]	Bulk Density [g/L]	Density [g/cm³]	Viscosity [mPa·s]
Sokalan® CP 5	Maleic acid/acrylic acid copolymer, sodium salt	Liquid	40	70 000	8	–	1.30	2000
Sokalan® CP 5 Granules		Granules	92	70 000	8	580	–	–
Sokalan® CP 7		Liquid	40	50 000	8	–	1.30	1500
Sokalan® CP 7 Granules NL		Granules	92	50 000	8	660	–	–
Sokalan® CP 9	Maleic acid/olefin copolymer, sodium salt	Liquid	25	12 000	11**	–	1.10	50
Sokalan® CP 10	Polyacrylic acid modified, sodium salt	Liquid	45	4 000	8.5**	–	1.30	500
Sokalan® CP 10 S	Polyacrylic acid, modified	Liquid	50	4 000	2	–	1.16	150
Sokalan® CP 12 S	Maleic acid/acrylic acid copolymer	Liquid	50	3 000	1.5	–	1.23	130
Sokalan® CP 42 Gran	Polycarboxylate modified, sodium salt	Granules	95	–	6	540	–	–
Sokalan® PA 15	Polyacrylic acid, sodium salt	Liquid	45	1 200	7	–	1.31	250
Sokalan® PA 25 CL Granules		Granules	92	5 500	8	600	–	–
Sokalan® PA 25 CL PN*		Liquid	49	5 500	3.5	–	1.25	600
Sokalan® PA 30 CL		Liquid	45	8 000	8	–	1.34	1000
Sokalan® PA 30 CL Granules		Granules	92	8 000	8	620	–	–
Sokalan® PA 30 CL PN Granules*		Granules	93	8 000	4	620	–	–
Sokalan® PA 40		Liquid	35	15 000	7**	–	1.24	250

Note:
* = partially neutralized, ** = undiluted, DIN 19268

Polyethylene imines

Product	Chemical Nature	Physical Form	Active Matter [%]	Molecular weight	pH [1% in dist. Water]	Density [g/cm³]	Viscosity (mPa-S)	Charge density (meq/g TS)
Lupasol® HF	Polyethyleneimine	Liquid	56	25,000	11	1.08	~11000	17
Lupasol® FG	Polyethyleneimine	Liquid	99	800	11	1.02	~1500	16
Lupasol® G 20	Polyethyleneimine	Liquid	50	1,300	11	1.08	~1500	16
Lupasol® G 20 Waterfree	Polyethyleneimine	Liquid	99	1,300	11	1.03	~8000	16
Lupasol® G 100	Polyethyleneimine	Liquid	50	5,000	11	1.08	~1100	16
Lupasol® P	Polyethyleneimine	Liquid	50	750,000	11	1.09	~25000	17
Lupasol® PR 8515	Polyethyleneimine	Liquid	99	2,000	11*	1.05	~14000	16
Lupasol® PS	Polyethyleneimine	Liquid	33	750,000	11**	1.08	~1700	17
Lupasol® WF	Polyethyleneimine	Liquid	99	25,000	11	1.10	>200000	17
Lupasol® SK	Modified Polyethyleneimine	Liquid	24	2,000,000	7*	1.06	~475	8

Note:
* = pH [10% in dist. Water], ** = pH [as is]

Chelating Agents

Product	Chemical Nature	Physical Form	Active Matter [%]	pH [1% in dist. Water]	Bulk Density [g/L]	Density 20 °C [g/cm³]
Trilon® B liquid	Tetrasodium salt of EDTA	Liquid	approx. 40	approx. 11.5	–	approx. 1.31
Trilon® B Powder		Powder	approx. 87	approx. 11.5	approx. 690	–
Trilon® BS Powder	Ethylenediaminetetraacetic acid	Powder	min. 99	approx. 2.8	approx. 820	–
Trilon® BX Liquid	Tetrasodium salt of EDTA	Liquid	approx. 40	approx. 11.5	–	approx. 1.28
Trilon® BX Powder		Powder	approx. 84	approx. 11.2	approx. 845	–
Trilon® M Liquid	Trisodium salt of Methyl-glycinediacetic acid (MGDA)	Liquid	approx. 40	approx. 11.0	–	approx. 1.31
Trilon® M Granules SG		Granules	min. 76	approx. 11.5	approx. 775	–
Trilon® A liquid	Trisodium salt of NTA	Liquid	40	11.3	–	1.31
Trilon® BAD liquid	Diammonium of EDTA	Liquid	45	5	–	–
Trilon® BAQ liquid	Tetraammonium salt of EDTA	Liquid	48	9	–	–
Trilon® BD	Disodium salt of EDTA	Powder	90	4.5	950	–
Trilon® BFA liquid	Ammonium iron salt of EDTA	Liquid	47	8*	–	–
Trilon® BMN 6 liquid	Potassium manganese salt of EDTA	Liquid	46	7**	–	–
Trilon® C liquid	Sodium salt of DTPA	Liquid	40	11.5	–	1.29
Trilon® C Liquid 50%		Liquid	50	11.5	_	1.35
Trilon® CA Food Grade	Disodium calcium EDTA	Powder	100	7	–	–
Trilon® D liquid	Trisodium salt of HEDTA	Liquid	40	11.5	–	–
Trilon® NA Food Grade	Disodium EDTA	Powder	100	4.5	–	–
Trilon® P liquid	Anionic polyamine, modified	Liquid	40	11.5	–	1.2

Note:
* = 10% aqueous, ** = as is

Corrosion Inhibitors

Product	Chemical Nature	Active Matter [%]	Physical Form	pH
Korantin® BH Solid	2-butyne-1, 4-diol	98	Flakes	NA
Korantin® MAT	Aliphatic dicarboxylic acid monoalkylamide in triethanolamine	100	Liquid	8.4 – 9.0 (5% in water)
Korantin® PM	Ethynylcarbinol alkoxylate	100	Liquid	7.0 – 10.5
Korantin® PP		approx. 67	Liquid	7.0 – 10.5 (10% in water)

Acids

Product	Chemical Nature	Active Matter [%]	Physical Form	Density 20 °C [g/cm³]
Lutropur® M	Methanesulfonic acid in water	approx. 70	Liquid	approx. 1.35
Luvipur® FM 75		75	Liquid	approx. 1.18
Luvipur® FM 85	Formic Acid	85	Liquid	approx. 1.19
Luvipur® FM 99		99	Liquid	approx. 1.22
Sokalan® DCS	Mixture of dicarboxylic acids	approx. 99	Flakes	–

Biocides

Product	Active	Physical Form	Active Matter [%]
FIFRA* Regulated Technical Grade			
Myacide® AS Technical	Bronopol	Crystals	99
Myacide® GDA Technical	Glutaraldehyde	Liquid	50
FIFRA Regulated End Use			
Aseptrol®	Chlorine Dioxide	Solid	
Myacide® AS Plus	Bronopol	Crystals	99
Myacide® S 30	Bronopol	Liquid	30
Myacide® S 15	Bronopol	Liquid	10
Myacide® GA 50	Glutaraldehyde	Liquid	50
Non FIFRA Regulated			
Protectol® GA 50	Glutaraldehyde	Liquid	50
Protetol® PE NA	Phenoxyethanol	Liquid	99.5

*** FIFRA = Federal Insecticide, Fungicide, and Rodenticide Act**

Enzymes

Product	Chemical Nature	Physical Form	pH	Density at 20 °C [g/cm³]	Activity [BPU*/g]
Lavergy™ Pro 104 L	Protease preparation	Clear yellowish liquid (at approx. 6 °C)	6	1.0 – 1.1	>10000
Laveragy™ Pro 104 LS	Stabilized Protease	Clear yellowish liquid (at approx. 6 °C)	7–9	1.0 – 1.1	>10000

***BPU = BASF Protease Unit**

Optical Effect Products and Stabilizers

Antioxidants

Product	Chemical Nature	Physical Form	Active Matter [%]
Tinogard® TT	Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate	Powder	100
Tinogard® DA	Didodecyl 3, 3'-thiodipropionate	Flakes	≥95

Fluorescent Whitening Agents (FWAs)

Product	Chemical Nature	Appearance	Active Matter [%]
Tinopal® CBS-X	Distyryl biphenyl derivative	Free flowing granules	90
Tinopal® CBS SP Slurry 33		Flowable suspension	30
Tinopal® DMA-X Conc.	Dianiline DASCC derivative	Free flowing granules	86

Non Ionic Surfactants

Alcohol Alkoxylates

Product	Chemical Nature	Form	Cloud Point Method A [°C]	HLB	Foam Height [mm] Ross Miles (0.1% wt%, 25 °C) t = 0 min/5 min*
Dehydol® 100	C10-18 Fatty Alcohol + 9 EO	Paste	80	13	115 & 115
Dehydol® LT 5	C12-18 Fatty Alcohol + 5 EO	Liquid	–	10.5	35 & 30
Dehydol® LT 7	C12-18 Fatty Alcohol + 7 EO	Liquid	53	12	110 & 110
Inoterra™ DWE	Nonionic Surfactant	Liquid	53	12.4	110 & 75
Inoterra™ DWF	Nonionic Surfactant	Liquid	54	13.6	100 & 80
Lutensol® A 12 N	C12-14 Fatty Alcohol + 12 EO	Waxy Solid	>100	14.3	–
Lutensol® A 65 N	C12-14 Fatty Alcohol + 6.5 EO	Liquid	50	12	120 & 115
Lutensol® A 9 N	C12-14 Fatty Alcohol + 9 EO	Waxy Solid	75	12.9	110 & 110
Lutensol® AO 11	C13-C15 Oxo Alcohol + 11 EO	Solid	86	14	115 & 105
Lutensol® AO 3	C13-C15 Oxo Alcohol + 3 EO	Liquid	–	8	15 & 15
Lutensol® AO 7	C13-C15 Oxo Alcohol + 7 EO	Liquid	43	12	100 & 100
Lutensol® AO 8	C13-C15 Oxo Alcohol + 8 EO	Solid	52	12.5	100 & 100
Lutensol® AT 25 Pwd.	C16-C18 Fatty Alcohol + 25 EO	Powder	>100	16	85 & 65
Lutensol® AT 25 Flake	C16-C18 Fatty Alcohol + 25 EO	Flake	>100	16	85 & 65
Lutensol® AT 80 Flake	C16-C18 Fatty Alcohol + 80 EO	Flake	>100	18.5	65 & 40
Lutensol® CS 6250	Alcohol Ethoxylate	Liquid	>100		10 & 0
Lutensol® LA 60	C12-14 Fatty Alcohol + 7 EO Liquid 100 X X Nonionic Surfactant DfE	Liquid	60		115 & 115
Lutensol® TDA 10	Tridecyl Alcohol Ethoxylate + 10 EO	Paste	82	14	130 & 110
Lutensol® TDA 3	Tridecyl Alcohol + 3 EO	Liquid	–	8	10 & 0

Product	Chemical Nature	Form	Cloud Point Method A [°C]	HLB	Foam Height [mm] Ross Miles (0.1% wt%, 25 °C) t = 0 min/5 min*
Lutensol® TDA 6	Tridecyl Alcohol + 6 EO	Liquid	–	11	55 & 50
Lutensol® TDA 8	Tridecyl Alcohol + 8 EO	Paste	43	12	115 & 75
Lutensol® TDA 8, 90%	Tridecyl Alcohol + 8 EO	Liquid	43	12	115 & 75
Lutensol® TDA 9	Tridecyl Alcohol + 9 EO	Liquid	58	13	125 & 85
Lutensol® TO 12	C13 Oxo Alcohol + 8 EO	Paste	93	14.5	125 & 85
Lutensol® TO 5	C13 Oxo Alcohol + 5 EO	Liquid	–	10.5	20 & 20
Lutensol® TO 6	C13 Oxo Alcohol + 6 EO	Liquid	–	11	70 & 65
Lutensol® TO 65	C13 Oxo Alcohol + 6.5 EO	Liquid	–	11.5	–
Lutensol® TO 8	C13 Oxo Alcohol + 8 EO	Liquid	60	13	115 & 75
Lutensol® TO 89	C13 Oxo Alcohol + 8 EO	Liquid	60	13	115 & 75
Lutensol® XL 100	Guerbet Alcohol Alkoxylate & 10 EO	Liquid/Paste	80	15	120 & 35
Lutensol® XL 40	Guerbet Alcohol Alkoxylate & 4 EO	Liquid	–	10.5	20 & 5
Lutensol® XL 50	Guerbet Alcohol Alkoxylate & 5 EO	Liquid	–	11.5	30 & 10
Lutensol® XL 70	Guerbet Alcohol Alkoxylate & 7 EO	Liquid	–	12.5	105 & 15
Lutensol® XL 79	Guerbet Alcohol Alkoxylate & 7 EO	Liquid	–	12.5	105 & 15
Lutensol® XL 80	Guerbet Alcohol Alkoxylate & 8 EO	Liquid	56	13	105 & 15
Lutensol® XL 90	Guerbet Alcohol Alkoxylate & 9 EO	Liquid	69	14	111 & 20
Lutensol® XP 30	Guerbet Alcohol Ethoxylate & 3 EO	Liquid	–	9	0 & 0
Lutensol® XP 40	Guerbet Alcohol Ethoxylate & 4 EO	Liquid	–	10.5	10 & 0
Lutensol® XP 50	Guerbet Alcohol Ethoxylate & 5 EO	Liquid	–	11.5	20 & 0
Lutensol® XP 70	Guerbet Alcohol Ethoxylate & 7 EO	Liquid	52	13	80 & 5
Lutensol® XP 79	Guerbet Alcohol Ethoxylate & 7 EO	Liquid	52	13	80 & 5
Lutensol® XP 80	Guerbet Alcohol Ethoxylate & 8 EO	Liquid	56	14	60 & 5
Lutensol® XP 89	Guerbet Alcohol Ethoxylate & 8 EO	Liquid	56	14	60 & 5
Lutensol® XP 90	Guerbet Alcohol Ethoxylate & 9 EO	Liquid	69	14.5	95 & 10

Note:
Cloud Point (Method A) = 1 g active surfactant + 100 g water

* = Concentration listed as active basis

Low-Foaming Non Ionic Surfactants

Product	Chemical Nature	Form	Cloud Point Method A [°C]	HLB	Foam Height [mm] Ross Miles (0.1% wt%, 25 °C) t = 0 min/5 min*
Dehypon® GRA	Modified Fatty Alcohol Polyglycolether	Solid	–		Insoluble
Dehypon® LS 24	C12-14 Fatty Alcohol + 2EO & 4PO	Liquid	6		10 & 5
Dehypon® LS 36	C12-14 Fatty Alcohol + 3EO & 6PO	Liquid	11		15 & 5
Dehypon® LS 54	C12-14 Fatty Alcohol + 5EO & 4PO	Liquid	30		90 & 15
Dehypon® LT 104	C12-18 Fatty Alcohol + 10EO & n-butyl end-capped	Paste	26		75 & 10
Plurafac® D 250	Alcohol Alkoxylate	Liquid	57	Prop.	95 & 25
Plurafac® LF 120	Alcohol Alkoxylate	Liquid	29	Prop.	45 & 5
Plurafac® LF 220	Alcohol Alkoxylate	Liquid	42	Prop.	105 & 10
Plurafac® LF 221	Alcohol Alkoxylate	Liquid	34	Prop.	75 & 10
Plurafac® LF 224	Alcohol Alkoxylate	Liquid	–	Prop.	10 & 5
Plurafac® LF 303	Alcohol Alkoxylate	Liquid	–	Prop.	Insoluble
Plurafac® LF 400	Alcohol Alkoxylate	Liquid	33	Prop.	90 & 15
Plurafac® LF 403	Alcohol Alkoxylate	Liquid	–	Prop.	10 & 5
Plurafac® LF 431	Alcohol Alkoxylate & End Capped	Liquid	–	Prop.	–
Plurafac® LF 500	Alcohol Alkoxylate	Liquid	18	Prop.	20 & 5
Plurafac® LF 802	Alcohol Alkoxylate	Liquid	56	Prop.	125 & 30
Plurafac® LF 900	Alcohol Alkoxylate	Liquid	20	Prop.	5 & 0
Plurafac® LF 901	Alcohol Alkoxylate	Liquid	38	Prop.	35 & 5
Plurafac® RA 300	Alcohol Alkoxylate	Liquid	37	Prop.	114 & 30
Plurafac® LF RA-P	Alcohol Alkoxylate	Liquid	35	Prop.	65 & 5
Plurafac® RCS 43	Alcohol Alkoxylate	Liquid	43	Prop.	45 & 0
Plurafac® S 305 LF	Alcohol Alkoxylate	Liquid	19	Prop.	15 & 0
Plurafac® S 405 LF	Alcohol Alkoxylate	Liquid	28	Prop.	20 & 0
Plurafac® S 505 LF	Alcohol Alkoxylate	Liquid	47	Prop.	60 & 10
Plurafac® SL 62	Alcohol Alkoxylate	Liquid	62	Prop.	125 & 30
Plurafac® SLF 180	Alcohol Alkoxylate	Liquid	18	Prop.	20 & 0

Note:
Cloud Point (Method A) = 1 g active surfactant + 100 g water

Alkyl Polyglucosides

Product	Chemical Nature	Form	Active Matter [%]	Foam Height [mm] Ross Miles (0.1% wt%, 25 °C) t = 0 min/5 min*
APG® 325 N	Decyl/Undecyl Glucoside	Liquid	50	150 & 150
Glucopon® 215 UP	Caprylyl/Decyl Glucoside	Liquid	64	140 & 140
Glucopon® 225 DK		Liquid	70	150 & 150
Glucopon® 420 UP	Caprylyl/Myristyl Glucoside	Liquid	50	155 & 155
Glucopon® 425 N		Liquid	50	150 & 150
Glucopon® 50 G	Lauryl/Myristyl Glucoside (and) Sodium Sulfate (and) Sodium Silicate (and) Sodium Coco Sulfate	Solid	50	Insoluble
Glucopon® 600 UP	Lauryl/Myristyl Glucoside	Liquid	50	135 & 135
Glucopon® 625 UP		Liquid	50	135 & 135

Note:
Cloud Point (Method A) = 1 g active surfactant + 100 g water
* = Concentration listed as active basis

Ethylene Oxide/Propylene Oxide Block Copolymer

Product	Chemical Nature	Form	Cloud Point Method A [°C]	HLB**	Foam Height [mm] Ross Miles (0.1% wt%, 25 °C) t = 0 min/5 min*
Pluronic® 10R5	EO/PO Block Copolymer, 50% EO	Liquid	69	15	60 & 0
Pluronic® 17R2	EO/PO Block Copolymer, 20% EO	Liquid	35	6	25 & 0
Pluronic® 17R4	EO/PO Block Copolymer, 40% EO	Liquid	46	12	40 & 0
Pluronic® 25R2	EO/PO Block Copolymer, 20% EO	Liquid	29	4	20 & 0
Pluronic® 25R4	EO/PO Block Copolymer, 40% EO	Liquid	40	8	30 & 0
Pluronic® 31R1	EO/PO Block Copolymer, 10% EO	Liquid	25	1	10 & 0
Pluronic® F 108 Prill	EO/PO Block Copolymer, 80% EO	Prill	>100	27	70 & 70
Pluronic® F 127 Prill	EO/PO Block Copolymer, 70% EO	Prill	>100	22	70 & 65
Pluronic® F 68 Prill	EO/PO Block Copolymer, 80% EO	Prill	>100	29	100 & 90
Pluronic® F 77 Prill	EO/PO Block Copolymer, 70% EO	Prill	>100	25	90 & 75
Pluronic® F 87 Prill	EO/PO Block Copolymer, 70% EO	Prill	>100	24	95 & 75
Pluronic® F 88 Prill	EO/PO Block Copolymer, 80% EO	Prill	>100	28	85 & 80
Pluronic® F 98 Prill	EO/PO Block Copolymer, 80% EO	Prill	>100	28	75 & 70
Pluronic® L 10	EO/PO Block Copolymer, 10% EO	Liquid	32	14	30 & 0
Pluronic® L 101	EO/PO Block Copolymer, 10% EO	Liquid	–	1	Insoluble
Pluronic® L 121	EO/PO Block Copolymer, 10% EO	Liquid	–	1	Insoluble
Pluronic® L 31	EO/PO Block Copolymer, 10% EO	Liquid	37	5	40 & 0
Pluronic® L 35	EO/PO Block Copolymer, 50% EO	Liquid	73	19	70 & 0
Pluronic® L 43	EO/PO Block Copolymer, 30% EO	Liquid	42	12	50 & 0
Pluronic® L 61	EO/PO Block Copolymer, 10% EO	Liquid	24	3	15 & 0
Pluronic® L 62	EO/PO Block Copolymer, 20% EO	Liquid	32	7	25 & 0

Product	Chemical Nature	Form	Cloud Point Method A [°C]	HLB**	Foam Height [mm] Ross Miles (0.1% wt%, 25 °C) t = 0 min/5 min*
Pluronic® L 62 LF	EO/PO Block Copolymer, 20% EO	Liquid	28	7	30 & 0
Pluronic® L 64	EO/PO Block Copolymer, 40% EO	Liquid	58	15	35 & 0
Pluronic® L 81	EO/PO Block Copolymer, 10% EO	Liquid	–	2	Insoluble
Pluronic® L 92	EO/PO Block Copolymer, 20% EO	Liquid	26	6	40 & 0
Pluronic® L44 INH	EO/PO Block Copolymer, 40% EO	Liquid	67	16	50 & 0
Pluronic® N 3	EO/PO Block Copolymers	Liquid	31	16	15 & 0
Pluronic® P 103	EO/PO Block Copolymer, 30% EO	Paste	86	9	120 & 90
Pluronic® P 104	EO/PO Block Copolymer, 40% EO	Paste	81	13	95 & 80
Pluronic® P 105	EO/PO Block Copolymer, 50% EO	Paste	91	15	95 & 85
Pluronic® P 123	EO/PO Block Copolymer, 30% EO	Paste	90	8	110 & 95
Pluronic® P 65	EO/PO Block Copolymer, 50% EO	Paste	82	17	65 & 15
Pluronic® P 84	EO/PO Block Copolymer, 40% EO	Paste	74	14	90 & 50
Tetronic® 1107 Prill	Amine Based Block Copolymer, 70% EO	Prill	>100	24	80 & 70
Tetronic® 1301	Amine Based Block Copolymer, 10% EO	Liquid	–	2	Insoluble
Tetronic® 150R1	Amine Based Block Copolymer, 10% EO	Liquid	–	1	Insoluble
Tetronic® 701	Amine Based Block Copolymer, 10% EO	Liquid	–	3	Insoluble
Tetronic® 901	Amine Based Block Copolymer, 10% EO	Liquid	–	3	Insoluble
Tetronic® 904	Amine Based Block Copolymer, 40% EO	Paste	74	15	90 & 55
Tetronic® 908 Prill	Amine Based Block Copolymer, 80% EO	Prill	>100	31	70 & 60
Tetronic® 90R4	Amine Based Block Copolymer, 40% EO	Liquid	43	7	35 & 0

Note:
Cloud Point (Method A) = 1 g active surfactant + 100 g water
** = Calculated HLB

Special Surfactants

Product	Chemical Nature	Form	Cloud Point Method A [°C]	HLB	Foam Height [mm] Ross Miles (0.1% wt%, 25 °C) t = 0 min/5 min*
Dehydol® 980	C10-16 Alcohol Alkoxylate	Liquid	53	Prop.	130 & 50
Dehypound® Advanced	Speciality Nonionic Surfactant	Liquid	27		95 & 35
Plurafac® CS-10	Polycarboxylated Surfactant	Liquid	N/A	N/A	65 & 15

Note:
Cloud Point (Method A) = 1 g active surfactant + 100 g water

Amine Ethoxylates

Product	Chemical Nature	Cloud Point [°C]	Amine Number [mg KOH/g]	Viscosity [mPa·s]	Physical Form [23 °C]
Demelan® VPC	Blend of ethoxylated fatty amines and ethoxylated fatty alcohols	approx. 58/E	approx. 112	approx. 250	Liquid

Anionic Surfactants

Fatty Alcohol Sulfates

Product	Chemical Nature	Active Matter [%]	Physical Form [23 °C]
Standapol® WAQ-LCK	Sodium lauryl sulfate	approx. 30	Liquid
Sulfopon® 1216 G	Sodium Coco-sulfate	approx. 92.5	Granules
Texapon® K 12 G	Sodium C 12 fatty alcohol sulfate	approx. 97	Granules
Texapon® 842 UP	Sodium n-octyl sulfate	approx. 40	Liquid
Texapon® K 12 P	Sodium lauryl sulfate	approx. 97	Powder
Texapon® K 14 S Spez. 70%	Sodium myreth sulfate	approx. 70	Granules
Texapon® K 30 UP	Sodium Coco-sulfate	approx. 29	Liquid
Texapon® LS 30 NA	Sodium lauryl sulfate	approx. 30	Liquid
Texapon® V 95 G	Sodium lauryl sulfate	approx. 97	Granules
Texapon® Z 95 P	Sodium C12-18 fatty alcohol sulfate	approx. 95	Powder

Fatty Alcohol Ethersulfates

Product	Chemical Nature	Active Matter [%]	Physical Form [23 °C]
Texapon® N 56	Sodium lauryl sulfate +2 EO	approx. 56	Liquid
Texapon® N 70 LD NA	Sodium laureth sulfate	approx. 70	Paste
Texapon® N 70 LS	Sodium laureth sulfate +3 EO	approx. 70	Paste
Texapon® N 70 NA	Sodium lauryl ether sulfate +2 EO	approx. 70	Paste
Texapon® N 701 S	Sodium lauryl ether sulfate +1 EO	approx. 70	Paste
Texapon® NSO 328 UP	Sodium laureth sulfate +3 EO	approx. 28	Liquid
Standapol® ES-1K	Sodium lauryl ether sulfate +1 EO	approx. 25	Liquid
Standapol® ES-2K	Sodium lauryl ether sulfate +2 EO	approx. 25	Liquid
Standapol® ES-3K	Sodium lauryl ether sulfate +3 EO	approx. 28	Liquid

Other Surfactants

Product	Chemical Nature	Active Matter [%]	Physical Form [23 °C]
Comperlan® 100 NA	Cocamide MEA	approx. 96	Solid
Comperlan® CMEA NA	Cocamide MEA	min. 87	Solid
Comperlan® COD	Cocamide DEA	approx. 80	Liquid
Comperlan® IP	Cocamide MIPA	min. 95	Solid
Dehyquart® CSP	Special cationic surfactant	approx. 80	Liquid
Dehyton® AB 30	Coco betaine	approx. 31	Liquid
Dehyton® KE UP	Cocamidopropyl betaine	approx. 30	Liquid
Dehyton® MC	Sodium cocoamphoacetate	approx. 40	Liquid
Dehyton® ML NA	Sodium lauroamphoacetate	approx. 40	Liquid
Dehyton® PK 35	Cocamidopropyl betaine	approx. 35	Liquid
Dehyton® PK 45	Cocamidopropyl betaine	45	Liquid
Deriphat® 160C	Sodium lauriminodipropionate	approx. 30	Liquid
Klearfac® AA 270	Phosphate Ester	85	Liquid
Larostat® 264 A	Cationic antistat additive	approx. 35	Liquid
Plantapon® 611 L	Blend of sodium lauryl ether sulfate, alkyl polyglycoside, cocamidopropyl betaine	approx. 63	Viscous Liquid
Plantapon® 611 L UP	Blend of sodium lauryl ether sulfate, alkyl polyglycoside, cocamidopropyl betaine	approx. 63	Viscous Liquid
Plantatex® HCC	Wax Dispersion	approx. 38	Liquid

Test methods

- Cloud point in °C according to EN 1890:
  - Method A: 1 g surfactant + 100 g distilled water
  - Method B: 1 g surfactant + 100 g NaCl solution (c = 50 g/L)
  - Method C: 1 g surfactant + 100 g NaCl solution (c = 100 g/L)
  - Method D: 5 g surfactant + 45 g of diethylene glycol monobutyl ether solution (c = 250 g/L)
  - Method E: 5 g surfactant + 25 g of diethylene glycol monobutyl ether solution (c = 250 g/L)
- Viscosity: EN 12092 Brookfield, 60 rpm [mPa·s], 23 °C
- Viscosity: Ubbelohde according to DIN 51562 [mm^2/s]
- Molar mass calculated from hydroxyl number according to DIN 53240 or PSA method
- HLB value according to W.C. Griffin
- Melting point: BASF method

Polyalkylene Glycols

Product	Chemical Nature	Physical Form [23 °C]	Molecular Weight
Pluriol® E 1000 LS	Polyethylene glycol	Solid	approx. 1000
Pluriol® E 1450 NF		Solid	approx. 1450
Pluriol® E 1450 NF Prill		Prill	approx. 1450
Pluriol® E 1450 Prill		Prill	approx. 1450
Pluriol® E 200 LS		Liquid	approx. 200
Pluriol® E 300		Liquid	approx. 300
Pluriol® E 300 LS		Liquid	approx. 300
Pluriol® E 3350		Solid	approx. 3350
Pluriol® E 3350 Prill		Prill	approx. 3350
Pluriol® E 400		Liquid	approx. 400
Pluriol® E 400 LS		Liquid	approx. 400
Pluriol® E 400 NF		Liquid	approx. 400
Pluriol® E 4000		Solid	approx. 4000
Pluriol® E 4000 FL		Flake	approx. 4000
Pluriol® E 4000 Prill		Prill	approx. 4000
Pluriol® E 600 LS		Liquid/Solid	approx. 600
Pluriol® E 600 NF		Liquid/Solid	approx. 600
Pluriol® E 6000		Solid	approx. 6000
Pluriol® E 6000 FL		Flake	approx. 6000
Pluriol® E 6000 Prill		Prill	approx. 6000
Pluriol® E 8000 E		Solid	approx. 8000
Pluriol® E 8000 FL		Flake	approx. 8000
Pluriol® E 8000 NF		Solid	approx. 8000
Pluriol® E 8000 Prill		Prill	approx. 8000

Test methods for Sokalan types

Physical form	at 25 °C
Concentration	ISO 3251 drying to constant mass
Average molar mass	Gel Permeation Chromatography (calibration with polystyrene sulfonates/or polyacrylates)
pH-value	DIN 19268, 10% dry substance in dist. water
Bulk density	ISO 697
Density	DIN 51757, 25 °C
Viscosity	Brookfield, 25 °C, undiluted

Test methods for Rheovis types

Physical form	at 25 °C
Concentration	specific for each product, please refer to the Product Specification
pH-value	DIN 19268, 1% in dist. water
Bulk density	ISO 697
Density	DIN 51757, 25 °C
Viscosity	Brookfield, 25 °C, undiluted

Test methods for Lupasol types

Physical form	at 25 °C
Concentration (dry content)	ISO 3251, 1 g, 120 °C, 4 h
pH-value	DIN 19268, 10% dry substance in dist. water
Density	DIN 51757, 25 °C
Viscosity	Brookfield, 25 °C, as is

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BASF CORPORATION
07932 Florham Park, NJ
USA
Phone: 1 973 245 6000
Fax: 1 973 245 6002