

Fatty alcohol ethoxylates, natural, linear C-chain

Product range Imbentim™	Chemical description	EO [mole]	Form at 25 °C	CAS-number	Average molecular weight [g/mole]	Active matter [%]	Cloud point [°C] 1% in deion. H ₂ O	Cloud point [°C] 5g in 25g BDG 25 %	Other methods	HLB value	Detergent Regulation	Detergent Ingredient Database	Detergent, HET I&I cleaner	Textile auxiliaries	Lubricants	Technical emulsifiers	Polymerisation & plastics	Coatings & concrete	Agro chemicals
Imbentim-AG/124S/020	POE (2) C12 - C14 Alcohol	2.0	liquid	68439-50-9	280	>99.5		38		6.0	◆	◆	✓		✓				✓
Imbentim-AG/124S/030	POE (3) C12 - C14 Alcohol	3.0	liquid	68439-50-9	320	>99.5		53		8.1	◆	◆	✓			✓		✓	✓
Imbentim-AG/124S/040	POE (4) C12 - C14 Alcohol	4.0	liquid	68439-50-9	370	>99.5		62	74(D)	9.5	◆	◆	✓	✓	✓	✓		✓	✓
Imbentim-AG/124S/045	POE (5) C12 - C14 Alcohol	4.5	liquid	68439-50-9	390	>99.5		68		10.1	◆	◆	✓		✓			✓	
Imbentim-AG/124S/060	POE (6) C12 - C14 Alcohol	6.0	liquid	68439-50-9	460	>99.5	44	76		11.5	◆	◆	✓					✓	✓
Imbentim-AG/124S/065	POE (7) C12 - C14 Alcohol	6.5	liquid	68439-50-9	480	>99.5	48	77		11.9	◆	◆	✓						
Imbentim-AG/124S/070	POE (7) C12 - C14 Alcohol	7.0	liquid	68439-50-9	500	>99.5	55	78		12.3	◆	◆	✓	✓				✓	
Imbentim-AG/124S/070 90%	POE (7) C12 - C14 Alcohol	7.0	liquid	68439-50-9	500	>89.0	55	77		11.9	◆	◆	✓	✓				✓	✓
Imbentim-AG/124S/075	POE (7) C12 - C14 Alcohol	7.5	liquid	68439-50-9	520	>99.5	63			12.5	◆	◆	✓	✓					
Imbentim-AG/124S/080	POE (8) C12 - C14 Alcohol	8.0	liquid	68439-50-9	550	>99.5	71	82		12.9	◆	◆	✓	✓	✓	✓			✓
Imbentim-AG/124S/080 90%	POE (8) C12 - C14 Alcohol	8.0	liquid	68439-50-9	550	>89.0	71	82		12.9	◆	◆	✓	✓	✓			✓	✓
Imbentim-AG/124S/090	POE (9) C12 - C14 Alcohol	9.0	liquid	68439-50-9	590	>99.0	75	84		13.5	◆	◆	✓						
Imbentim-AG/124S/110 90%	POE (11) C12 - C14 Alcohol	11.0	liquid	68439-50-9	680	>89.0		86	65 (C)	14.3	◆	◆	✓						✓
Imbentim-AG/124S/200 (1)	POE (20) C12 - C14 Alcohol	20.0	solid	68439-50-9	1070	>99.0				16.5	◆		✓						
Imbentim-AGM 90%	POE (8) C12 - C14 Alcohol	7.5	liquid	68439-50-9	520	>89.0	60	80		12.5			✓						
Imbentim-AG/124PG/020	POE (2) C12 - C16 Alcohol	2.0	liquid	68551-12-2	270	>99.9		38		6.2	◆		✓						
Imbentim-AG/124PG/030	POE (3) C12 - C16 Alcohol	3.0	liquid	68551-12-2	310	>99.9		52	61 (F)	8.0	◆		✓			✓			
Imbentim-AG/124PG/050 (2)	POE (5) C12 - C16 Alcohol	5.0	liquid	68551-12-2	400	>99.8		63	72 (F)	10.0	◆		✓						
Imbentim-AG/124PG/070	POE (7) C12 - C16 Alcohol	7.0	liquid	68551-12-2	490	>99.8	56	79		12.2	◆		✓						
Imbentim-AG/168S/020	POE (2) C16 - C18 Alcohol	2.0	solid	68439-49-6	350	>99.5			67 (D)	5.0	◆	◆	✓	✓	✓			✓	
Imbentim-AG/168S/035	POE (4) C16 - C18 Alcohol	3.5	solid	68439-49-6	410	>99.5		63		8.0	◆	◆						✓	
Imbentim-AG/168S/060	POE (6) C16 - C18 Alcohol	6.0	solid	68439-49-6	520	>99.5		77		10.0	◆	◆	✓	✓	✓			✓	

Fatty alcohol ethoxylates, natural, linear C-chain

Product range Imbentin™	Chemical description	EO [mole]	Form at 25 °C	CAS-number	Average molecular weight [g/mole]	Active matter [%]	Cloud point [°C] 1% in deion. H ₂ O	Cloud point [°C] 5g in 25g BDG 2.5 %	Other methods	HLB value	Detergent Regulation	Detergent Ingredient Database	Detergent, H&E I&H cleaner	Textile auxiliaries	Lubricants	Technical emulsifiers	Polymerisation & plastics	Coatings & concrete	Agro chemicals
Imbentin-AG/168S/080	POE (8) C16 - C18 Alcohol	8.0	solid	68439-49-6	610	>99.5	55	86		10.5	◆	◆	✓	✓				✓	
Imbentin-AG/168S/100	POE (10) C16 - C18 Alcohol	10.0	solid	68439-49-6	700	>99.5	69	88		12.5	◆	◆	✓					✓	
Imbentin-AG/168S/110	POE (11) C16 - C18 Alcohol	11.0	solid	68439-49-6	740	>99.5	77	90		13.0	◆	◆	✓	✓				✓	
Imbentin-AG/168S/140	POE (14) C16 - C18 Alcohol	14.0	solid	68439-49-6	870	>99.5			69 (C)	14.0	◆	◆	✓	✓	✓		✓	✓	
Imbentin-AG/168S/150	POE (15) C16 - C18 Alcohol	15.0	solid	68439-49-6	920	>99.5			72 (C)	14.5	◆	◆		✓		✓	✓	✓	
Imbentin-AG/168S/180 G	POE (18) C16 - C18 Alcohol	18.0	pellets	68439-49-6	1050	>99.0			75 (C)	15.0	◆	◆	✓	✓		✓	✓	✓	
Imbentin-AG/168S/200	POE (20) C16 - C18 Alcohol	20.0	solid	68439-49-6	1140	>99.5			76 (C)	15.4	◆	◆	✓	✓		✓		✓	
Imbentin-AG/168S/200 G	POE (20) C16 - C18 Alcohol	20.0	pellets	68439-49-6	1140	>99.0			76 (C)	15.4	◆	◆	✓	✓				✓	
Imbentin-AG/168S/250	POE (25) C16 - C18 Alcohol	25.0	solid	68439-49-6	1360	>99.5			78 (C)	16.1	◆	◆	✓	✓		✓	✓	✓	
Imbentin-AG/168S/250 G	POE (25) C16 - C18 Alcohol	25.0	pellets	68439-49-6	1360	>99.0			78 (C)	16.1	◆	◆	✓	✓	✓	✓	✓	✓	
Imbentin-AG/168S/250 P	POE (25) C16 - C18 Alcohol	25.0	powder	68439-49-6	1360	>99.5			78 (C)	16.1	◆	◆	✓	✓	✓	✓	✓	✓	
Imbentin-AG/168S/250 PEG	POE (25) C16 - C18 Alcohol	25.0	solid	68439-49-6	1600	>99.0			78 (C)	16.0	◆		✓	✓	✓	✓	✓	✓	
Imbentin-AG/168S/300S G	POE (30) C16 - C18 Alcohol	30.0	pellets	68439-49-6	1600	>98.0			78 (C)	16.5	◆	◆	✓	✓	✓	✓	✓	✓	
Imbentin-AG/168S/300S P	POE (30) C16 - C18 Alcohol	30.0	powder	68439-49-6	1600	>98.0			78 (C)	16.5	◆	◆	✓	✓	✓	✓	✓	✓	
Imbentin-AG/168S/360 I G	POE (36) C16 - C18 Alcohol	36.0	pellets	68439-49-6	1850	>99.5			76 (N)	17.2	◆	◆	✓	✓					
Imbentin-AG/168S/500 G	POE (50) C16 - C18 Alcohol	50.0	pellets	68439-49-6	2450	>99.0				17.9	◆	◆	✓	✓					✓
Imbentin-AG/168S/500 P	POE (50) C16 - C18 Alcohol	50.0	powder	68439-49-6	2450	>99.0				17.9	◆	◆	✓	✓					✓
Imbentin-AG/168S/800 G	POE (80) C16 - C18 Alcohol	80.0	pellets	68439-49-6	3800	>99.0				20.0	◆	◆	✓	✓				✓	
Imbentin-AG/168S/800 P	POE (80) C16 - C18 Alcohol	80.0	powder	68439-49-6	3800	>99.0				20.0	◆	◆	✓	✓					

Fatty alcohol ethoxylates, natural, linear C-chain, unsaturated

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Imbentin-POA/020 5055	POE (2) Cetyl Oleyl Alcohol	2.0	liquid	68920-66-1	350	>99.5		33		5.0	◆	✓	✓	✓			✓	✓	
Imbentin-POA/050 5055	POE (5) Cetyl Oleyl Alcohol	5.0	pasty	68920-66-1	480	>99.5		67		9.0	◆	✓	✓	✓			✓	✓	
Imbentin-POA/050 7075	POE (5) Cetyl Oleyl Alcohol	5.0	liquid	68920-66-1	480	>99.5		66		9.0	◆	✓	✓	✓				✓	
Imbentin-POA/060	POE (6) Cetyl Oleyl Alcohol	6.0	pasty	68920-66-1	520	>99.5		73		10.0	◆	✓	✓				✓	✓	
Imbentin-POA/080 7075	POE (8) Cetyl Oleyl Alcohol	8.0	liquid	68920-66-1	620	>99.5		80		11.5	◆	✓	✓	✓					
Imbentin-POA/080	POE (8) Cetyl Oleyl Alcohol	8.0	pasty	68920-66-1	610	>99.5		83		11.5	◆	✓	✓			✓	✓		
Imbentin-POA/080 90%	POE (8) Cetyl Oleyl Alcohol	8.0	liquid	68920-66-1	610	>89.0	43	82		11.4	◆	✓	✓				✓		
Imbentin-POA/100	POE (10) Cetyl Oleyl Alcohol	10.0	solid	68920-66-1	700	>99.5	70			12.5	◆						✓		
Imbentin-POA/140	POE (14) Cetyl Oleyl Alcohol	14.0	solid	68920-66-1	870	>99.5			66 (C)	14.0	◆		✓				✓		
Imbentin-POA/180	POE (18) Cetyl Oleyl Alcohol	18.0	solid	68920-66-1	1050	>99.5			74 (C)	15.0	◆	✓	✓	✓			✓		
Imbentin-POA/220 E	POE (22) Cetyl Oleyl Alcohol	22.0	solid	68920-66-1	1220	>99.5			75 (C)	15.5	◆		✓						
Imbentin-POA/250 6065 E	POE (25) Cetyl Oleyl Alcohol	25.0	solid	68920-66-1	1360	>99.5			76 (N)	16.1	◆	✓	✓						
Imbentin-POA/310 G	POE (31) Cetyl Oleyl Alcohol	31.0	pellets	68920-66-1	1600	>99.0			78 (C)	17.0	◆	✓	✓				✓		
Imbentin-POA/800 G	POE (80) Cetyl Oleyl Alcohol	80.0	pellets	68920-66-1	3780	>99.0			71 (C)	18.5	◆	✓	✓						

Fatty alcohol ethoxylates, synthetic, linear C-chain

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Imbentin-AG/810/050	POE (5) C8 - C10 Alcohol	5.0	liquid	71060-57-6	370	>99.5	36	69		11.5	◆	✓			✓				
Imbentin-AG/810/080	POE (8) C8 - C10 Alcohol	8.0	liquid	71060-57-6	500	>99.5	85			14.0	◆	✓						✓	
Imbentin-AG/100/020	POE (2) Decanol	2.0	liquid	26183-52-8	240	>99.5		38		7.2	◆	✓	✓	✓				✓	
Imbentin-AG/100/040	POE (4) Decanol	4.0	liquid	26183-52-8	330	>99.5		60		10.6	◆	✓	✓	✓	✓				
Imbentin-AG/100/35	POE (5) Decanol	5.0	liquid	26183-52-8	370	>99.5	39	69		11.7	◆	✓			✓				✓
Imbentin-AG/100/52	POE (6) Decanol	6.0	liquid	26183-52-8	420	>99.5	52	73		12.6	◆	✓	✓	✓	✓			✓	
Imbentin-AG/100/080	POE (8) Decanol	8.0	liquid	26183-52-8	500	>99.5	84	81		14.0	◆	✓	✓	✓					✓
Imbentin-AG/100/095 80%	POE (10) Decanol	9.5	liquid	26183-52-8	570	>79.0	88			14.5	◆	✓							
Imbentin-AG/100/100	POE (10) Decanol	10.0	pasty	26183-52-8	590	>99.5	85	87	64 (C)	14.5	◆	✓	✓	✓				✓	
Imbentin-AG/100/200	POE (20) Decanol	20.0	solid	26183-52-8	1030	>99.5			74 (C)	17.0	◆	✓							
Imbentin-AG/102/045	POE (5) C10 - C12 Alcohol	4.5	liquid	67254-71-1	360	>99.7		66		11.0	◆	✓							
Imbentin-AG/102/050 90%	POE (5) C10 - C12 Alcohol	5.0	liquid	67254-71-1	380	>89.0	37			11.5	◆	✓							
Imbentin-AG/124/030	POE (3) C12 - C14 Alcohol	3.0	liquid	68439-50-9	330	>99.5		53	61 (F)	8.0	◆	✓						✓	✓
Imbentin-AG/124/050	POE (5) C12 - C14 Alcohol	5.0	liquid	68439-50-9	420	>99.7		71		10.5	◆	✓	✓	✓					✓
Imbentin-AG/124/075 90%	POE (8) C12 - C14 Alcohol	7.5	liquid	68439-50-9	530	>89.0	61			12.5	◆	✓							
Imbentin-AG/124/150	POE (15) C12 - C14 Alcohol	15.0	solid	68439-50-9	860	>99.5			73 (C)	15.5	◆	✓							✓

Fatty alcohol ethoxylates, synthetic, branched C-chain

Product range Imbentin™	Chemical description	EO [mole]	Form at 25 °C	CAS-number	Average molecular weight [g/mole]	Active matter [%]	Cloud point [°C] 1% in deion. H ₂ O	Cloud point [°C] 5g in 25g BDG 25 %	Other methods	HLB value	Detergent Regulation	Detergent Ingredient Database	Detergent, H&E I&I cleaner	Textile auxiliaries	Lubricants	Technical emulsifiers	Polymerisation & plastics	Coatings & concrete	Agro chemicals
Imbentin-OA/020	POE (2) Isooctanol	2.0	liquid	27252-75-1	220	>99.5			51 (D)	8.3	◆	◆							
Imbentin-OA/030	POE (3) Isooctanol	3.0	liquid	27252-75-1	260	>99.5			22 (K)	10.1	◆	◆	✓						
Imbentin-OA/050	POE (5) Isooctanol	5.0	liquid	27252-75-1	350	>99.5		64		12.6	◆	◆	✓					✓	
Imbentin-OA/080	POE (8) Isooctanol	8.0	liquid	27252-75-1	480	>99.5		80		14.6	◆		✓	✓	✓			✓	
Imbentin-OA/150	POE (15) Isooctanol	15.0	solid	27252-75-1	790	>99.5			81 (L)	16.7	◆								
Imbentin-OA/250 70%	POE (25) Isooctanol	25.0	liquid	27252-75-1	1230	>69.0			75 (N)	18.4							✓		
Imbentin-C/91/025	POE (3) C9 - C11 Alcohol	2.5	liquid	68439-46-3	270	>99.8		44		8.1	◆		✓	✓	✓		✓	✓	
Imbentin-C/91/040	POE (4) C9 - C11 Alcohol	4.0	liquid	68439-46-3	340	>99.5		62		10.5	◆	◆	✓	✓				✓	
Imbentin-C/91/35	POE (5) C9 - C11 Alcohol	5.0	liquid	68439-46-3	380	>99.5	36			11.5	◆	◆	✓	✓					
Imbentin-C/91/060	POE (6) C9 - C11 Alcohol	6.0	liquid	68439-46-3	420	>99.5	54	74		12.5	◆	◆	✓	✓		✓		✓	✓
Imbentin-C/91/060 90%	POE (6) C9 - C11 Alcohol	6.0	liquid	68439-46-3	420	>79.0	54			12.5	◆	◆	✓	✓				✓	✓
Imbentin-C/91/080	POE (8) C9 - C11 Alcohol	8.0	liquid	68439-46-3	510	>99.5	80	81		13.5	◆	◆	✓	✓		✓		✓	
Imbentin-C/91/080 85%	POE (8) C9 - C11 Alcohol	8.0	liquid	68439-46-3	510	>84.0	80			13.5	◆	◆	✓	✓				✓	
Imbentin-C/91/85	POE (9) C9 - C11 Alcohol	9.0	liquid	68439-46-3	550	>99.5	86			14.0	◆	◆	✓	✓				✓	
Imbentin-C/91/100	POE (10) C9 - C11 Alcohol	10.0	liquid	68439-46-3	590	>99.5			62 (C)	14.0	◆	◆	✓						
Imbentin-C/91/120	POE (12) C9 - C11 Alcohol	12.0	pasty	68439-46-3	680	>99.5			68 (C)	15.3	◆		✓				✓	✓	
Imbentin-E/100/030	POE (3) Isodecanol	3.0	liquid	78330-20-8	290	>99.5		45		8.5	◆		✓		✓			✓	
Imbentin-E/100/040	POE (4) Isodecanol	4.0	liquid	78330-20-8	330	>99.5		53		10.0	◆		✓		✓				
Imbentin-E/100/050	POE (5) Isodecanol	5.0	liquid	78330-20-8	380	>99.5	24	65		11.5	◆	◆	✓	✓				✓	
Imbentin-E/100/050 95%	POE (5) Isodecanol	5.0	liquid	78330-20-8	380	>94.0		63		11.5	◆	◆	✓	✓				✓	

Fatty alcohol ethoxylates, synthetic, branched C-chain

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Imbentin-E/100/060	POE (6) Isodecanol	6.0	liquid	78330-20-8	420	>99.5	43	71		12.5	◆	◆	✓	✓	✓	✓		✓	✓
Imbentin-E/100/070	POE (7) Isodecanol	7.0	liquid	78330-20-8	470	>99.5	55	76		13.0	◆	◆	✓	✓				✓	
Imbentin-E/100/080	POE (8) Isodecanol	8.0	liquid	78330-20-8	510	>99.5	73	80		14.0	◆	◆	✓	✓	✓	✓		✓	✓
Imbentin-E/100/080 80%	POE (8) Isodecanol	8.0	liquid	78330-20-8	510	>79.0	65	80		14.0	◆	◆	✓	✓	✓			✓	✓
Imbentin-E/100/090	POE (9) Isodecanol	9.0	liquid	78330-20-8	560	>99.5	82			14.1	◆	◆	✓	✓				✓	✓
Imbentin-E/100/100	POE (10) Isodecanol	10.0	liquid	78330-20-8	600	>99.5	90			14.5	◆	◆	✓					✓	
													✓					✓	
Imbentin-U/030	POE (3) Isoundecanol	3.0	liquid	127036-24-2	300	>99.5		46		8.7	◆		✓	✓					
Imbentin-U/050	POE (5) Isoundecanol	5.0	liquid	127036-24-2	390	>99.5		63		11.2	◆	◆	✓	✓	✓	✓		✓	
Imbentin-U/050 87%	POE (5) Isoundecanol	5.0	liquid	127036-24-2	390	>86.0		63		11.2	◆	◆	✓	✓	✓				
Imbentin-U/060	POE (6) Isoundecanol	6.0	liquid	127036-24-2	430	>99.5	33	70		12.1	◆	◆	✓	✓			✓	✓	✓
Imbentin-U/070	POE (7) Isoundecanol	7.0	liquid	127036-24-2	470	>99.5	53	75		12.8	◆	◆	✓	✓			✓	✓	
Imbentin-U/070 90%	POE (7) Isoundecanol	7.0	liquid	127036-24-2	470	>89.0	53			12.8	◆	◆	✓	✓				✓	
Imbentin-U/080	POE (8) Isoundecanol	8.0	liquid	127036-24-2	510	>99.5	63	78		13.4	◆	◆	✓	✓				✓	
Imbentin-U/080 90%	POE (8) Isoundecanol	8.0	liquid	127036-24-2	510	>89.0	63			13.4	◆	◆	✓	✓				✓	
Imbentin-U/100	POE (10) Isoundecanol	10.0	liquid	127036-24-2	600	>99.5	85	84		14.4	◆	◆	✓	✓				✓	
																		✓	
Imbentin-T/020	POE (2) Isotridecanol	2.0	liquid	9043-30-5	290	>99.5		14	38 (F)	6.0				✓	✓			✓	✓
Imbentin-T/030	POE (3) Isotridecanol	3.0	liquid	9043-30-5	330	>99.5		36		8.1	◆	◆	✓	✓	✓			✓	✓
Imbentin-T/040	POE (4) Isotridecanol	4.0	liquid	9043-30-5	380	>99.5		48	67 (D)	9.0	◆	◆	✓	✓					
Imbentin-T/050	POE (5) Isotridecanol	5.0	liquid	9043-30-5	420	>99.5		58		10.6	◆	◆	✓	✓	✓	✓		✓	✓
Imbentin-T/050 85%	POE (5) Isotridecanol	5.0	liquid	9043-30-5	420	>84.0		58		10.6	◆	◆	✓	✓	✓	✓		✓	✓
Imbentin-T/060	POE (6) Isotridecanol	6.0	liquid	9043-30-5	460	>99.5		66	76 (D)	11.5	◆	◆	✓	✓		✓		✓	✓
Imbentin-T/060 90%	POE (6) Isotridecanol	6.0	liquid	9043-30-5	460	>89.0			77 (D)	11.5	◆	◆	✓	✓				✓	✓
Imbentin-T/070	POE (7) Isotridecanol	7.0	liquid	9043-30-5	500	>99.5		72		12.2	◆	◆	✓	✓				✓	✓

specified cloud point values are printed in bold

For more detailed information of our documentation, please see page 35.

Fatty alcohol ethoxylates, synthetic, branched C-chain

Product range Imbentin™	Chemical description	EO [mole]	Form at 25 °C	CAS-number	Average molecular weight [g/mole]	Active matter [%]	Cloud point [°C] 1% in deion. H ₂ O	Cloud point [°C] 5g in 25g BDG 25 %	Other methods	HLB value	Detergent Regulation	Detergent Ingredient Database	Detergent, H&E I&I cleaner	Textile auxiliaries	Lubricants	Technical emulsifiers	Polymerisation & plastics	Coatings & concrete	Agro chemicals
Imbentin-T/070 90%	POE (7) Isotridecanol	7.0	liquid	9043-30-5	500	>89.0		72		12.2	◆	◆	✓	✓				✓	✓
Imbentin-T/080	POE (8) Isotridecanol	8.0	liquid	9043-30-5	550	>99.5	47	76		12.9	◆	◆	✓	✓	✓	✓		✓	✓
Imbentin-T/080 85%	POE (8) Isotridecanol	8.0	liquid	9043-30-5	550	>84.0	47			12.9	◆	◆	✓	✓	✓			✓	✓
Imbentin-T/080 90%	POE (8) Isotridecanol	8.0	liquid	9043-30-5	550	>89.0	47	76		12.9	◆	◆	✓	✓	✓	✓		✓	✓
Imbentin-T/090	POE (9) Isotridecanol	9.0	liquid	9043-30-5	600	>99.5	61	80		13.4	◆	◆	✓	✓		✓		✓	✓
Imbentin-T/090 90%	POE (9) Isotridecanol	9.0	liquid	9043-30-5	600	>89.0	61	80		13.4	◆	◆	✓	✓				✓	✓
Imbentin-T/65	POE (10) Isotridecanol	9.5	pasty	9043-30-5	620	>99.5	63			13.6	◆	◆	✓	✓					✓
Imbentin-T/65 90%	POE (10) Isotridecanol	9.5	liquid	9043-30-5	620	>89.0	63			13.6	◆	◆	✓	✓				✓	
Imbentin-T/100	POE (10) Isotridecanol	10.0	liquid	9043-30-5	640	>99.5	74	81	76 (O)	13.9	◆	◆	✓	✓				✓	✓
Imbentin-T/100 85%	POE (10) Isotridecanol	10.0	liquid	9043-30-5	640	>84.0	74	81	76 (O)	13.9	◆	◆	✓	✓				✓	✓
Imbentin-T/100 90%	POE (10) Isotridecanol	10.0	liquid	9043-30-5	640	>89.0	74	81	76 (O)	13.9	◆	◆	✓	✓				✓	✓
Imbentin-T/115 90%	POE (12) Isotridecanol	11.5	liquid	9043-30-5	700	>89.0			55 (N)	14.5	◆	◆	✓	✓					
Imbentin-T/120	POE (12) Isotridecanol	12.0	solid	9043-30-5	720	>99.5	87	85		14.6	◆	◆	✓	✓		✓		✓	✓
Imbentin-T/150	POE (15) Isotridecanol	15.0	solid	9043-30-5	850	>99.5			69 (C)	15.4	◆		✓	✓					✓
Imbentin-T/150 80%	POE (15) Isotridecanol	15.0	liquid	9043-30-5	850	>79.0			69 (C)	15.4	◆		✓	✓		✓		✓	✓
Imbentin-T/200	POE (20) Isotridecanol	20.0	solid	9043-30-5	1100	>99.5			69 (C)	16.6	◆		✓				✓		
Imbentin-T/200 80%	POE (20) Isotridecanol	20.0	liquid	9043-30-5	1100	>78.0			92 (L)	16.6	◆		✓				✓	✓	

Fatty alcohol ethoxylates, synthetic, branched C-chain

Product range Imbentin™	Chemical description	EO [mole]	Form at 25 °C	CAS-number	Average molecular weight [g/mole]	Active matter [%]	Cloud point [°C] 1% in deion. H ₂ O	Cloud point [°C] 5g in 25g BDG 2.5 %	Other methods	HLB value	Detergent Regulation	Detergent Ingredient Database	Detergent, H&E I&H cleaner	Textile auxiliaries	Lubricants	Technical emulsifiers	Polymerisation & plastics	Coatings & concrete	Agro chemicals
Imbentin-T/300 70%	POE (30) Isotridecanol	30.0	liquid	9043-30-5	1500	>69.0			92 (L)	17.5	◆	✓				✓	✓		
Imbentin-T/400 70%	POE (40) Isotridecanol	40.0	liquid	9043-30-5	1950	>69.0			75 (N)	17.5	◆	✓	✓			✓	✓		
Imbentin-T/400 G	POE (40) Isotridecanol	40.0	pellets	9043-30-5	1950	>99.0			75 (N)	18.0	◆	✓	✓			✓	✓	✓	
Imbentin-C/125/020	POE (2) C12 - C15 Alcohol	2.0	liquid	68131-39-5	300	>99.5			45 (F)	6.0		◆	✓	✓	✓				
Imbentin-C/125/030	POE (3) C12 - C15 Alcohol	3.0	liquid	68131-39-5	340	>99.5		50		7.8	◆	◆	✓	✓			✓	✓	
Imbentin-C/125/050	POE (5) C12 - C15 Alcohol	5.0	liquid	68131-39-5	430	>99.5		68		10.0	◆	◆	✓	✓					
Imbentin-C/125/060	POE (6) C12 - C15 Alcohol	6.0	liquid	68131-39-5	470	>99.5			78 (D)	11.2	◆	◆	✓	✓				✓	
Imbentin-C/125/070	POE (7) C12 - C15 Alcohol	7.0	liquid	68131-39-5	520	>99.7	49	78		12.0	◆	◆	✓	✓			✓	✓	
Imbentin-C/125/070 90%	POE (7) C12 - C15 Alcohol	7.0	liquid	68131-39-5	520	>89.0	49			12.0	◆	◆	✓	✓			✓	✓	
Imbentin-C/125/55 90%	POE (8) C12 - C15 Alcohol	8.0	liquid	68131-39-5	560	>89.5	55	81		12.6	◆	◆	✓	✓				✓	
Imbentin-C/125/090	POE (9) C12 - C15 Alcohol	9.0	liquid	68131-39-5	600	>99.5	78			13.1	◆	◆	✓	✓	✓			✓	
Imbentin-C/125/120	POE (12) C12 - C15 Alcohol	12.0	pasty	68131-39-5	730	>99.9				14.5	◆	◆							
Imbentin-C/125/150 80%	POE (15) C12 - C15 Alcohol	15.0	liquid	68131-39-5	860	>79.0			68 (C)	15.5	◆								
Imbentin-C/125/200	POE (20) C12 - C15 Alcohol	20.0	solid	68131-39-5	1100	>99.5				16.0	◆			✓					
Imbentin-C/145/040	POE (4) C14 - C15 Alcohol	4.0	liquid	68951-67-7	400	>99.7		63		9.0	◆		✓						
Imbentin-C/145/050	POE (5) C14 - C15 Alcohol	5.0	liquid	68951-67-7	440	>99.7		65		10.4	◆		✓						
Imbentin-C/145/070	POE (7) C14 - C15 Alcohol	7.0	liquid	68951-67-7	530	>99.5	46	80		11.7	◆		✓	✓					
Imbentin-C/145/090 85%	POE (9) C14 - C15 Alcohol	9.0	liquid	68951-67-7	620	>84.0	63			12.6	◆		✓	✓					
Imbentin-C/145/110	POE (11) C14 - C15 Alcohol	11.0	solid	68951-67-7	710	>99.5	86			13.8	◆		✓	✓		✓			
Imbentin-C/145/110 85%	POE (11) C14 - C15 Alcohol	11.0	liquid	68951-67-7	710	>84.0	86			13.8	◆		✓			✓			

Low-foaming alcohol, fatty acid and polyole alkoxyates

Product range Imbentin™	Chemical description	Form at 25 °C	CAS-number	Average molecular weight [g/mole]	Active matter [%]	Cloud point [°C] 1% in deion. H ₂ O	Cloud point [°C] 5g in 25g BDG 25 %	Other methods	Detergent Regulation	Detergent Ingredient Database	Detergent, H&I I&H cleaner	Textile auxiliaries	Lubricants	Technical emulsifiers	Polymerisation & plastics	Coatings & concrete	Agro chemicals
Imbentin-SG/43/C	POE/POP Adduct	liquid	69013-18-9	530	>99.5	5	34	11 (K)	◆	◆	✓	✓					
Imbentin-SG/703	POE/POP Adduct	liquid	69013-18-9	1170	>99.5	10		45 (D)	◆		✓	✓					
Imbentin-SG/704	POE/POP Adduct	liquid	69013-18-9	930	>99.0	11	29		◆		✓	✓					
Imbentin-SG/702/AG	POE/POP Adduct	liquid	69013-18-9	850	>99.0	18	32		◆								
Imbentin-SG/715/AG	POE/POP Adduct	liquid	69013-18-9	2250	>99.5	19	35	45 (D)			✓	✓					
Imbentin-SG/723/AG	POE/POP Adduct	liquid	n.a.	2290	>99.8	20	28	44 (D)	◆		✓	✓					
Imbentin-SG/722/T	POE/POP Adduct	liquid	69013-18-9	570	>99.5	24	51		◆								
Imbentin-SG/725/T	POE/POP Adduct	liquid	n.a.	690	>99.5	25	38		◆		✓	✓					
Imbentin-SG/45/AG	POE/POP Adduct	liquid	69013-18-9	580	>99.5	28	47		◆		✓	✓					
Imbentin-SG/727/AG	POE/POP Adduct	liquid	68439-51-0	620	>99.5	28	44		◆		✓	✓	✓				✓
Imbentin-SG/719/AG	POE/POP Adduct	liquid	69013-18-9	810	>98.5	29	37		◆		✓	✓	✓				
Imbentin-SG/46/C	POE/POP Adduct	liquid	69013-18-9	680	>98.0	30	41		◆		✓	✓					
Imbentin-SG/8922/AG	POE/POP Adduct	liquid	69013-18-9	560	>99.5	31	41		◆		✓	✓					
Imbentin-SG/733/C	POE/POP Adduct	liquid	69013-18-9	630	>99.5	34	50		◆	◆	✓	✓					
Imbentin-SG/2583/B	POE/POP Adduct	liquid	69013-18-9	810	>99.7	35	43		◆			✓					
Imbentin-SG/142/EB	POE/POP Adduct, end-capped	liquid	n.a.	514	>94.0	37	63	35 (H)	◆		✓	✓					
Imbentin-SG/701/C	POE/POP Adduct	liquid	69013-18-9	810	>99.5	37	45		◆								
Imbentin-SG/705/AG	POE/POP Adduct	liquid	69013-18-9	790	>99.5	37	45		◆		✓						
Imbentin-PPF	POE/POP Adduct	liquid	69013-18-9	880	>99.5	38	45		◆		✓	✓	✓			✓	✓
Imbentin-SG/737/T	POE/POP Adduct	liquid	69013-18-9	940	>99.5	39	46		◆		✓	✓					
Imbentin-SG/48/C	POE/POP Adduct	liquid	69013-18-9	710	>99.5	40	48		◆		✓	✓					

Low-foaming alcohol, fatty acid and polyole alkoxyates

Product range Imbentin™ , Hedipin™	Chemical description	Form at 25 °C	CAS-number	Average molecular weight [g/mole]	Active matter [%]	Cloud point [°C] 1% in deion. H ₂ O	Cloud point [°C] 5g in 25g BDG 25 %	Other methods	Detergent Regulation	Detergent Ingredient Database	Detergent, H&E I&E cleaner	Textile auxiliaries	Lubricants	Technical emulsifiers	Polymerisation & plastics	Coatings & concrete	Agro chemicals
Imbentin-SG/802	POE/POP Adduct	liquid	69013-18-9	860	>99.5	42					✓	✓					✓
Imbentin-SG/172/T	POE/POP Adduct	liquid	69013-13-9	970	>99.5	45	46		◆		✓						
Imbentin-SG/729/AG	POE/POP Adduct	liquid	n.a.	660	>99.7	45	53	36 (L)	◆		✓						
Imbentin-SG/918/AG 80 %	POE/POP Adduct	liquid	69013-18-9	1570	>79.0	51			◆			✓					
Imbentin-SG/2385/C	POE/POP Adduct	liquid	69013-18-9	580	>99.5	60	51		◆		✓	✓					
Imbentin-SG/128/EB	POE/POP Adduct, end-capped	liquid	n.a.	525	>99.5		59		◆			✓					
Imbentin-SG/43/AG	POE/POP Adduct	liquid	69013-18-9	480	>99.5	3	34	11 (K)	◆		✓	✓	✓				
Imbentin-SG/25/C	POE/POP Adduct	liquid	69013-8-9	590	>99.5		41		◆	◆	✓	✓					
Imbentin-SG/717/AG	POE/POP Adduct	liquid	n.a.	360	>99.5			47 (D)	◆		✓	✓					
Hedipin-CSG/01	POE/POP Adduct	liquid	n.a.	880	>99.7		61		◆			✓				✓	
Imbentin-SG/2482/B	POE/POP Adduct	liquid	69013-18-9	930	>99.7			30 (F)	◆		✓	✓					
Imbentin-SG/803	POE/POP Adduct	liquid	9038-95-3	5510	>99.0			48 (C)									

Polyethylene glycols

Product range Imbentin™	Chemical description	Form at 25 °C	CAS-number	Average molecular weight [g/mole]	Active matter [%]	Hydroxyl value [mgKOH/g]	Detergent, H&E I&E cleaner	Textile auxiliaries	Lubricants	Technical emulsifiers	Polymerisation & plastics	Coatings & concrete	Agro chemicals
Imbentin-PEG/200	PEG-4	liquid	25322-68-3	200	>99.5	560	✓	✓	✓		✓	✓	
Imbentin-PEG/300	PEG-6	liquid	25322-68-3	300	>99.5	375	✓	✓	✓		✓	✓	
Imbentin-PEG/400	PEG-8	liquid	25322-68-3	400	>99.5	280	✓	✓	✓		✓	✓	
Imbentin-PEG/600	PEG-12	liquid	25322-68-3	600	>99.5	185	✓	✓	✓		✓	✓	
Imbentin-PEG/1500 P	PEG-32	powder	25322-68-3	1500	>99.0	75	✓	✓	✓		✓	✓	
Imbentin-PEG/4000 G	PEG-80	pellets	25322-68-3	4000	>99.0	25	✓	✓	✓		✓	✓	
Imbentin-PEG/4000 P	PEG-80	powder	25322-68-3	4000	>99.5	25	✓	✓	✓		✓	✓	

EO/PO Block co-polymers

Product range Imbentin™	Chemical description	Form at 25 °C	CAS-number	Average molecular weight [g/mole]	Active matter [%]	Cloud point [°C] 1% in deion. H ₂ O	Cloud point [°C] 5g in 25g BDG 25 %	Other methods	Detergent Regulation	Detergent, H&E I&E cleaner	Textile auxiliaries	Lubricants	Technical emulsifiers	Polymerisation & plastics	Coatings & concrete	Agro chemicals
Imbentin-PAP/6100	POE/POP, PO Block (MW 1750)	liquid	9003-11-6	2000	>99.5	25	41		◆	✓	✓			✓	✓	✓
Imbentin-PAP/6200	POE/POP, PO Block (MW 1750)	liquid	9003-11-6	2500	>99.5	35	60		◆	✓	✓			✓	✓	✓
Imbentin-PAP/6400	POE/POP, PO Block (MW 1750)	pasty	9003-11-6	2900	>99.0	63	68	60 (H)		✓	✓					
Imbentin-PAP/6800 G	POE/POP, PO Block (MW 1750)	pellets	9003-11-6	8000	>99.0			71 (C)		✓	✓			✓	✓	
Imbentin-PAP/9100	POE/POP, PO Block (MW 2900)	liquid	9003-11-6	3100	>99.5		37	14 (K)		✓						
Imbentin-PAP/9400	POE/POP, PO Block (MW 2750)	solid	9003-11-6	4600	>99.0		80			✓						
Imbentin-PAP/10100	POE/POP, PO Block (MW 3250)	liquid	9003-11-6	3500	>99.5			37 (D)		✓					✓	
Imbentin-PPA/2500	POE/POP	liquid	9003-11-6	2800	>99.5	28				✓						

specified cloud point values are printed in bold

For more detailed information of our documentation, please see page 35.

Low odour alcohol ethoxylates

Product range Imbentin™	Chemical description	EO [mole]	Form at 25 °C	CAS-number	Average molecular weight [g/mole]	Active matter [%]	Cloud point [°C] 1% in deion. H ₂ O	Cloud point [°C] 5g in 25g BDG 2.5 %	HLB value	Detergent, HHHH cleaner	Textile auxiliaries	Lubricants	Technical emulsifiers	Polymerisation & plastics	Coatings & Concrete	Agro chemicals
Imbentin-C/91/35 OFA	POE (5) C9 - C11 Alcohol	5.0	liquid	68439-46-3	380	>99.5	53		11.6	✓	✓		✓			
Imbentin-POA/050 OFA NUOVA	POE (5) Cetyl Oleyl Alcohol	5.0	liquid	68920-66-1	480	>99.5	52	65	9.0	✓	✓		✓			
Imbentin-C/91/080 OFA	POE (8) C9 - C11 Alcohol	8.0	liquid	68439-46-3	510	>99.5	84		13.8	✓	✓		✓			
Imbentin-C/91/080 OFA 90%	POE (8) C9 - C11 Alcohol	8.0	liquid	68439-46-3	510	>89.0	84		13.8	✓	✓		✓			
Imbentin-AGS/35	POE (5) C11-C15 Alcohol	5.0	liquid	68131-40-8	550	>99.5	37		14.0	✓						
Imbentin-AGS/55	POE (9) C11-C15 Alcohol	9.0	liquid	68131-40-8	730	>99.5	59		13.5	✓			✓			
Imbentin-ES/100/070 90%			liquid	69013-18-9	570	>89.0	67	77	13.5	✓	✓					

Alkyl phenol ethoxylates

Product range Imbentin™	Chemical description	EO [mole]	Form at 25 °C	CAS-number	Average molecular weight [g/mole]	Active matter [%]	Cloud point [°C] 1% in deion. H ₂ O	Cloud point [°C] 5g in 25g BDG 25 %	Other methods	HLB value	Detergent, HEI IETI cleaner	Textile auxiliaries	Lubricants	Technical emulsifiers	Polymerisation & plastics	Coatings & concrete	Agro chemicals
Imbentin-N/020	POE(2) Nonylphenol	2.0	liquid	9016-45-9	300	>99.5			68 (P)	6.0		✓	✓	✓			
Imbentin-N/030	POE(3) Nonylphenol	3.0	liquid	9016-45-9	350	>99.5			38 (F)	7.0							✓
Imbentin-N/035	POE(3) Nonylphenol	3.5	liquid	9016-45-9	370	>99.5			45 (F)	8.3							✓
Imbentin-N/040	POE(4) Nonylphenol	4.0	liquid	9016-45-9	400	>99.5		44	56 (F)	8.9		✓	✓	✓			
Imbentin-N/060	POE(6) Nonylphenol	6.0	liquid	9016-45-9	480	>99.5		63	68 (F)	10.9		✓	✓	✓		✓	✓
Imbentin-N/40 A	POE(7) Nonylphenol	6.5	liquid	9016-45-9	500	>99.5			40 (K)	11.5							✓
Imbentin-N/35	POE(8) Nonylphenol	8.0	liquid	9016-45-9	580	>99.5	34	74	84 (D)	12.3		✓			✓	✓	✓
Imbentin-N/55	POE(9) Nonylphenol	9.0	liquid	9016-45-9	610	>99.5	54	76		12.9		✓			✓	✓	✓
Imbentin-N/63	POE(10) Nonylphenol	10.0	liquid	9016-45-9	660	>99.5	63	79	86 (D)	13.3		✓		✓	✓	✓	✓
Imbentin-N/98	POE(15) Nonylphenol	14.5	pasty	9016-45-9	860	>99.5	96			15.0							✓
Imbentin-N/200	POE(20) Nonylphenol	20.0	solid	9016-45-9	1100	>99.5			73 (C)	16.0					✓	✓	
Imbentin-N/300	POE(30) Nonylphenol	30.0	solid	9016-45-9	1600	>99.5			76 (C)	17.5		✓			✓	✓	✓
Imbentin-N/300 70%	POE(30) Nonylphenol	30.0	liquid	9016-45-9	1600	>69.0			76 (C)	17.5					✓	✓	✓
Imbentin-N/350 G	POE(35) Nonylphenol	35.0	pellets	9016-45-9	1700	>99.0			75 (C)	17.5		✓			✓	✓	
Imbentin-N/400 70%	POE(40) Nonylphenol	40.0	liquid	9016-45-9	1900	>69.0			75 (C)	17.5					✓		✓
Imbentin-N/400 G	POE(40) Nonylphenol	40.0	pellets	9016-45-9	1900	>99.0			75 (C)	17.7					✓		
Imbentin-N/500 E	POE(50) Nonylphenol	50.0	solid	9016-45-9	2300	>99.5			74 (C)	18.0					✓		✓
Imbentin-N/600 50%	POE(60) Nonylphenol	60.0	liquid	9016-45-9	2800	>49.0			74 (C)	18.0					✓	✓	
Imbentin-O/050	POE(5) Octylphenol	5.0	liquid	9002-93-1	420	>99.5		56	74 (D)	10.5	✓					✓	
Imbentin-O/100	POE(10) Octylphenol	10.0	liquid	9002-93-1	620	>99.5	66		86 (D)	13.6							✓
Imbentin-O/100 I	POE(10) Octylphenol	10.0	liquid	9002-93-1	620	>99.5	73	79	86 (D)	13.6							
Imbentin-O/300 70%	POE(30) Octylphenol	30.0	liquid	9002-93-1	1500	>69.0			75 (C)	17.3					✓	✓	✓
Imbentin-O/400	POE(40) Octylphenol	40.0	solid	9002-93-1	1900	>99.5			73 (M)	17.9							
Imbentin-O/400 70%	POE(40) Octylphenol	40.0	liquid	9002-93-1	1900	>69.0			73 (C)	18.0							

specified cloud point values are printed in bold

For more detailed information of our documentation, please see page 35.

Fatty amine/amide ethoxylates

Product range Imbentin™	Chemical description	EO [mole]	Form at 25 °C	CAS-number	Average molecular weight [g/mole]	Active matter [%]	Amine value [mgKOH/g]	Detergent Regulation	Detergent Ingredient Database	Detergent, H&E I&E cleaner	Textile auxiliaries	Lubricants	Technical emulsifiers	Polymerisation & plastics	Coatings & concrete	Agro chemicals
Imbentin-CAM/020	POE (2) Coco amine	2.0	liquid	61791-14-8	280	>99.5	200	◆		✓	✓		✓	✓	✓	✓
Imbentin-CAM/120	POE (12) Coco amine	12.0	liquid	61791-14-8	750	>99.5	75	◆		✓	✓		✓	✓		
Imbentin-CAM/150	POE (15) Coco amine	15.0	liquid	61791-14-8	850	>99.5	66	◆		✓	✓		✓		✓	✓
Imbentin-TAM/020	POE (2) Tallow amine	2.0	liquid	61791-26-2	340	>99.5	165	◆			✓			✓	✓	
Imbentin-TAM/023	POE (2) Tallow amine	2.3	liquid	61791-26-2	370	>99.5	151	◆			✓			✓	✓	
Imbentin-TAM/050	POE (5) Tallow amine	5.0	liquid	61791-26-2	490	>99.5	115			✓	✓			✓	✓	✓
Imbentin-TAM/080	POE (8) Tallow amine	8.0	liquid	61791-26-2	620	>99.5	90				✓			✓	✓	
Imbentin-TAM/100	POE (10) Tallow amine	10.0	liquid	61791-26-2	700	>99.5	80				✓		✓	✓	✓	✓
Imbentin-TAM/120	POE (12) Tallow amine	12.0	liquid	61791-26-2	790	>99.5	71				✓			✓	✓	
Imbentin-TAM/150	POE (15) Tallow amine	15.0	liquid	61791-26-2	920	>99.5	61				✓			✓	✓	✓
Imbentin-TAM/200	POE (20) Tallow amine	20.0	liquid	61791-26-2	1100	>99.5	50				✓		✓	✓	✓	✓
Imbentin-TAM/350	POE (35) Tallow amine	35.0	solid	61791-26-2	1750	>99.5	32				✓			✓	✓	
Imbentin-TAM/400	POE (40) Tallow amine	40.0	solid	61791-26-2	2000	>99.5	28				✓			✓	✓	
Imbentin-SAM/050	POE (5) Stearyl amine	5.0	liquid	26635-92-7	490	>99.5	115				✓		✓	✓	✓	
Imbentin-SAM/100	POE (10) Stearyl amine	10.0	liquid	26635-92-7	700	>99.5	80				✓			✓		
Imbentin-SAM/250	POE (25) Stearyl amine	25.0	pasty	26635-92-7	1300	>99.5	42				✓			✓	✓	
Imbentin-SAM/400	POE (40) Stearyl amine	40.0	solid	26635-92-7	1900	>99.5	29				✓			✓	✓	
Imbentin-OAM/020	POE (2) Oleyl amine	2.0	liquid	26635-93-8	350	>99.5	163	◆	◆	✓	✓			✓	✓	
Imbentin-DT/030	POE (3) Tallow propylene diamine	3.0	liquid	61790-85-0	470	>99.5	237									
Imbentin-DT/100	POE (10) Tallow propylene diamine	10.0	liquid	61790-85-0	800	>99.5	140				✓					
Imbentin-DT/150	POE (15) Tallow propylene diamine	15.0	liquid	61790-85-0	1000	>99.5	112				✓					
Imbentin-CMEA/020	POE (2) Coco monoethanol amide	2.0	liquid	68425-44-5	340	>99.5										
Imbentin-CMEA/045	POE (5) Coco monoethanol amide	4.5	liquid	68425-44-5	450	>99.5		◆	◆		✓			✓		