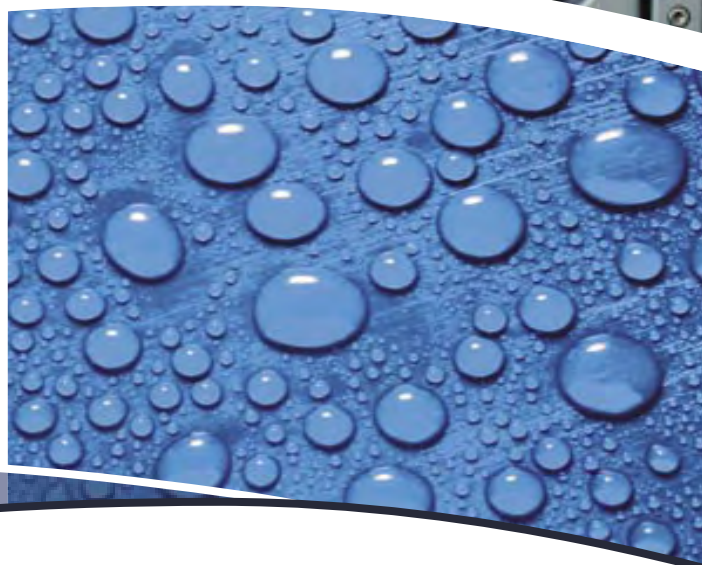


sasol
reaching new frontiers



Surfactants

Product range

Foreword

Sasol's leading expertise in supplying surfactants and specialty products is reflected in our extensive product line: we supply anionic and nonionic surfactants, as well as a number of specialties.

This brochure gives a comprehensive overview of our global product portfolio. The production regions are listed within the tables. Our sales products are marketed globally, please contact our sales offices.

Adding value to life.

Our worldwide manufacturing network together with the highly skilled marketing, research and development teams are dedicated to helping you achieve your performance and formulation requirements.

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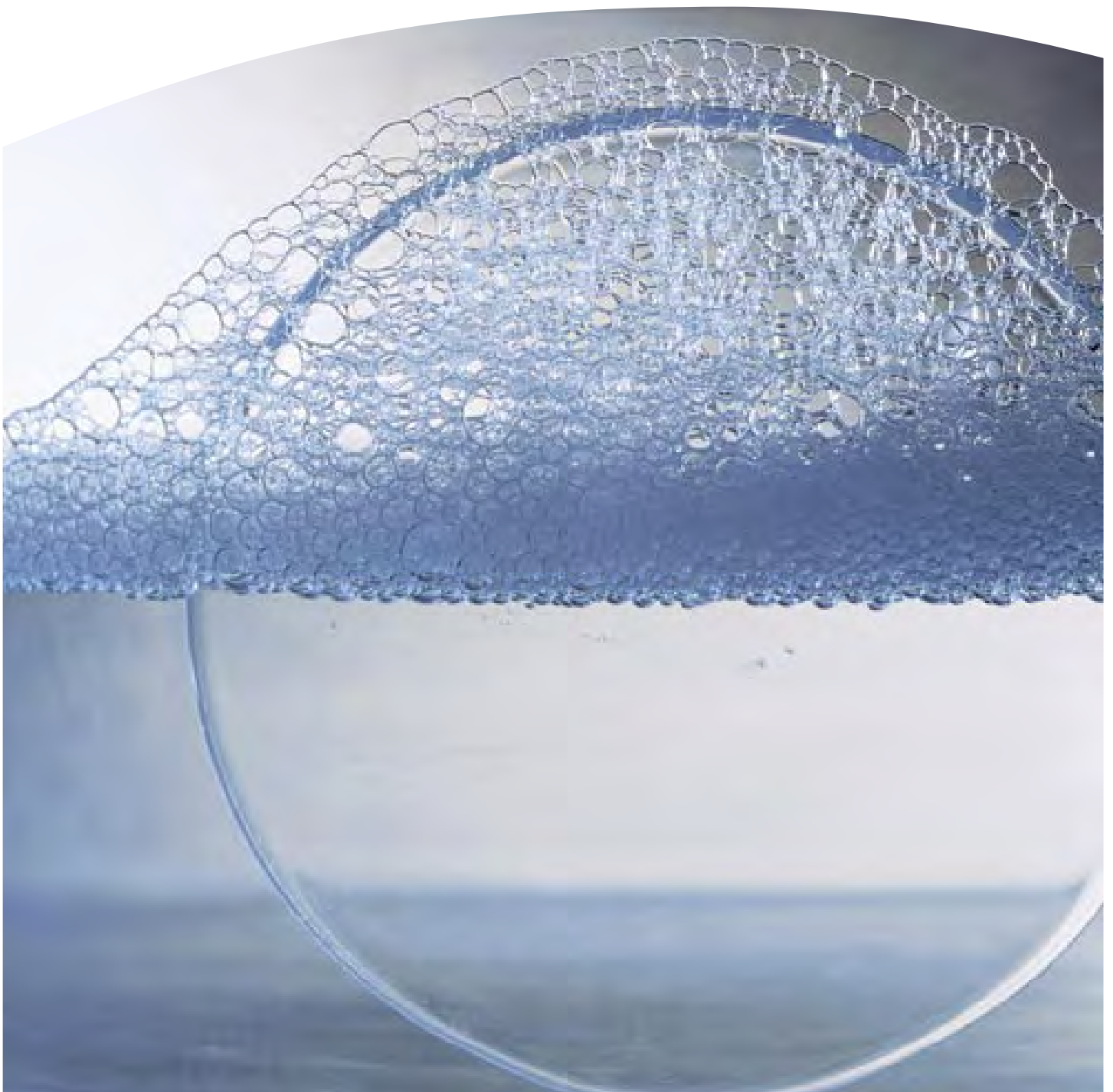
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Product range



Surfactants, nonionic

Linear alcohol ethoxylates

Chemical description	Product name	Active content [% by wt.]	Cloud point [°C]	Form supplied	Product made in
C ₈ -alcohol polyethylene glycol ether (8 EO)	SLOVASOL 088	100	57–59 ³⁾	liquid	Europe
C ₈ –C ₁₀ -alcohol polyethylene glycol ethers (2 EO)	ALFONIC 810-2	100	48 ¹⁾	liquid	USA
	NOVEL 810-2	100	48 ¹⁾	liquid	USA
C ₆ –C ₁₀ -alcohol polyethylene glycol ethers (3.5 EO)	ALFONIC 610-3.5	100	63.5 ¹⁾	liquid	USA
	NOVEL 610-3.5	100	68 ¹⁾	liquid	USA
C ₈ –C ₁₀ -alcohol polyethylene glycol ethers (4.5 EO)	ALFONIC 810-4.5	100	71 ¹⁾	liquid	USA
	NOVEL 810-4.5	100	72 ¹⁾	liquid	USA
C ₈ –C ₁₀ -alcohol polyethylene glycol ether (7 EO)	NOVEL 810 FD-7	100	79 ²⁾	liquid	USA
C ₈ –C ₁₀ -alcohol polyethylene glycol ether (5 EO)	AEO 5-80	100	42–50 ¹⁾	liquid	Asia
C ₁₀ -alcohol polyethylene glycol ether (4 EO)	MARLIPAL 10/4	100	59–62 ⁵⁾	liquid	Europe
C ₁₀ –C ₁₂ -alcohol polyethylene glycol ether (5 EO)	ALFONIC 1012-5	100	43 ²⁾	liquid	USA
C ₁₀ –C ₁₂ -alcohol polyethylene glycol ethers (6 EO)	ALFONIC 1012-6	100	54 ²⁾	liquid	USA
	MARLIPAL 1012/6	100	52–55 ¹⁰⁾	liquid	Europe
	NOVEL 1012-6	100	63 ²⁾	liquid	USA
C ₁₂ -alcohol polyethylene glycol ether (1 EO)	AEO 1-12	100	235–243 ⁴⁾	liquid	Asia
C ₁₀ –C ₁₂ -alcohol polyethylene glycol ether (21 EO)	NOVEL 1012-21	100	77 ³⁾	solid	USA
C ₁₂ -alcohol polyethylene glycol ether (4 EO)	MARLOWET BL	100	67–70 ¹⁾	liquid	Europe
C ₁₂ -alcohol polyethylene glycol ether (7 EO)	MARLIPAL MG	100	60–63 ¹⁰⁾	liquid	Europe
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ethers (2 EO)	ALFONIC 1214 GC-2	100	51 ¹⁾	liquid	USA
	NOVEL 1214 GC-2	100	51 ¹⁾	liquid	USA
	LORODAC 2-24	100	50–52 ¹⁾	liquid	Europe
	MARLIPAL 24/20	100	49–51 ¹⁾	liquid	Europe
	SLOVASOL 242	100	49–52 ¹⁾	liquid	Europe
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ethers (3 EO)	ALFONIC 1214 GC-3	100	61 ¹⁾	liquid	USA
	NOVEL 1214 GC-3	100	61 ¹⁾	liquid	USA
	ALFONIC 1412-3	100	60 ¹⁾	liquid	USA
	NOVEL 1412-3	100	59 ¹⁾	liquid	USA
	LORODAC 3-24	100	60–62 ¹⁾	liquid	Europe
	MARLIPAL 24/30	100	59–61 ¹⁾	liquid	Europe
	SLOVASOL 243	100	58–62 ¹⁾	liquid	Europe
	SLOVASOL 243 T	100	57–61 ¹⁾	liquid	Europe
	AEO 3-24S	100	59–63 ¹⁾	liquid	Asia
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ethers (4 EO)	LORODAC 4-24	100	64–66 ¹⁾	liquid	Europe
	MARLIPAL 24/40	100	66–68 ¹⁾	liquid	Europe
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ethers (5 EO)	MARLIPAL 24/50	100	72–74 ¹⁾	liquid	Europe
	SLOVASOL 245	100	71–75 ¹⁾	liquid	Europe
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ethers (6 EO)	LORODAC 6-24	100	41–42 ²⁾	liquid	Europe
	MARLIPAL 24/60	100	76–78 ¹⁾	liquid	Europe
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ether (6.5 EO)	LORODAC 6.5-24	100	51–53 ²⁾	liquid	Europe

¹⁾ 10% in 25% BDG solution²⁾ 1% in deionized water³⁾ 1% in 10% NaCl solution⁴⁾ hydroxyl number in mg KOH/g⁵⁾ 17% in 25% BDG solution¹⁰⁾ 2% in deionized water

Chemical description	Product name	Active content [% by wt.]	Cloud point [°C]	Form supplied	Product made in
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ethers (7 EO)	ALFONIC 1412-7	100	54 ²⁾	liquid	USA
	NOVEL 1412-7	100	52 ²⁾	liquid	USA
	LORODAC 7-24	100	57–59 ²⁾	liquid	Europe
	MARLIPAL 24/70	100	53–56 ¹⁰⁾	liquid	Europe
	MARLIPAL 24/79	90	53–56 ¹⁰⁾	liquid	Europe
	SLOVASOL 247	100	78–81 ¹⁾	liquid	Europe
	AEO 7-24S	100	55–58 ²⁾	liquid	Asia
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ether (8 EO)	SLOVASOL 248	100	67–71 ²⁾	liquid	Europe
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ethers (9 EO)	ALFONIC 1412-9	100	52.5 ³⁾	solid	USA
	NOVEL 1412-9	100	50 ³⁾	solid	USA
	MARLIPAL 24/90	100	81–83 ¹⁰⁾	solid	Europe
	MARLIPAL 24/99	90	81–83 ¹⁰⁾	liquid	Europe
	AEO 9-24S	100	78–82 ²⁾	liquid	Asia
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ether (10 EO)	MARLIPAL 24/100	100	ca. 94 ¹⁰⁾	solid	Europe
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ether mixture	MARLIPAL 24/939	90	74–76 ¹⁾	liquid	Europe
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ethers (11 EO)	NOVEL 1412-11	100	63.5 ³⁾	solid	USA
	SLOVASOL 2411	100	62–66 ³⁾	in drums: solid in bulk: liquid	Europe
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ether (12 EO)	LORODAC 12-24	100	79–81 ¹⁰⁾	solid	Europe
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ether (20 EO)	LORODAC 20-24	100	75–77 ³⁾	solid	Europe
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ethers (30 EO)	SLOVASOL 2430	100	81–83 ³⁾	in drums: solid in bulk: liquid	Europe
	SLOVASOL 2430 /7	70	81–83 ³⁾	liquid	Europe
C ₁₂ –C ₁₆ -alcohol polyethylene glycol ether (2 EO)	AEO 2-24Z	100	50–52 ¹⁾	liquid	Asia
C ₁₂ –C ₁₆ -alcohol polyethylene glycol ether (3 EO)	NOVEL 1216 CO-3	100	61 ¹⁾	liquid	USA
C ₁₂ –C ₁₆ -alcohol polyethylene glycol ether (4 EO)	AEO 4-24Z	100	66–69 ¹⁾	liquid	Asia
C ₁₂ –C ₁₆ -alcohol polyethylene glycol ether (5 EO)	AEO 5-24Z	100	70–74 ¹⁾	liquid	Asia
C ₁₂ –C ₁₆ -alcohol polyethylene glycol ether (6 EO)	AEO 6-24Z	100	75–78 ¹⁾	liquid	Asia
C ₁₂ –C ₁₆ -alcohol polyethylene glycol ethers (7 EO)	AEO 7-24Z	100	55–58 ²⁾	liquid	Asia
	ALFONIC 1216 CO-7	100	57 ²⁾	liquid	USA
	NOVEL 1216 CO-7	100	60 ²⁾	liquid	USA
C ₁₂ –C ₁₆ -alcohol polyethylene glycol ether (9 EO)	AEO 9-24Z	100	78–82 ²⁾	paste	Asia
C ₁₂ –C ₁₆ -alcohol polyethylene glycol ether (12 EO)	AEO 12-24Z	100	75–85 ¹¹⁾	solid	Asia
C ₁₂ –C ₁₈ -alcohol polyethylene glycol ether (8 EO)	ALFONIC 1218-8	100	66 ²⁾	in drums: solid in bulk: liquid	USA
C ₁₆ –C ₁₈ -alcohol ethylene glycol ether	MARLIPAL 1618/1	100	58–61 ⁷⁾	liquid	Europe

¹⁾ 10% in 25% BDG solution

²⁾ 1% in deionized water

³⁾ 1% in 10% NaCl solution

⁷⁾ 5% in 25% BDG solution

¹⁰⁾ 2% in deionized water

¹¹⁾ 1% in 5% NaCl solution

Surfactants, nonionic

Linear alcohol ethoxylates

Chemical description	Product name	Active content [% by wt.]	Cloud point [°C]	Form supplied	Product made in
C ₁₆ –C ₁₈ -alcohol polyethylene glycol ether (3.5 EO)	EMULDAC AS-3.5	100	61–63 ⁵⁾	solid	Europe
C ₁₆ –C ₁₈ -alcohol polyethylene glycol ethers (5 EO)	ALFONIC 1618-5	100	73 ¹⁾	in drums: solid in bulk: liquid	USA
	SLOVASOL 685	100	74–76 ¹⁾	in drums: solid in bulk: liquid	Europe
C ₁₆ –C ₁₈ -alcohol polyethylene glycol ether (6 EO)	EMULDAC AS-6	100	77–79 ¹⁾	solid	
C ₁₆ –C ₁₈ -alcohol polyethylene glycol ether (9 EO)	MARLIPAL 1618/9	100	85–88 ¹⁾	solid	Europe
C ₁₆ –C ₁₈ -alcohol polyethylene glycol ether (10 EO)	SLOVASOL 6810	100	69–73 ²⁾	in drums: solid in bulk: liquid	Europe
C ₁₆ –C ₁₈ -alcohol polyethylene glycol ethers (11 EO)	EMULDAC AS-11	100	88–90 ²⁾	solid	Europe
	MARLIPAL 1618/11	100	84–90 ¹⁰⁾	in drums: solid in bulk: liquid	Europe
	SLOVASOL 6811	100	60–63 ³⁾	in drums: solid in bulk: liquid	Europe
C ₁₆ –C ₁₈ -alcohol polyethylene glycol ether (18 EO)	EMULDAC AS-18	100	74–76 ³⁾	solid	Europe
C ₁₆ –C ₁₈ -alcohol polyethylene glycol ether (20 EO)	EMULDAC AS-20	100	75–77 ³⁾	solid	Europe
C ₁₆ –C ₁₈ -alcohol polyethylene glycol ether (29 EO)	EMULDAC AS-25	100	76–80 ³⁾	flakes	Europe
C ₁₆ –C ₁₈ -alcohol polyethylene glycol ether (29 EO) + polyethylene glycol 4000	EMULGANTE OS	100	—	flakes	Europe
C ₁₆ –C ₁₈ -alcohol polyethylene glycol ether (50 EO)	EMULDAC ALCS 100	100	74–78 ³⁾	flakes	Europe
C ₁₆ –C ₁₈ -alcohol polyethylene glycol ether (55 EO)	AEO 80-685	100	14–25 ⁴⁾	flakes	Asia
C ₁₆ –C ₁₈ -alcohol polyethylene glycol ether (80 EO)	EMULDAC AS-80	100	73–77 ³⁾	flakes	Europe
Cetyl/Oleyl alcohol polyethylene glycol ether (2 EO)	EMULGANTE CO-2	100	54–56 ¹⁾	paste	Europe
Cetyl/Oleyl alcohol polyethylene glycol ether (10 EO)	EMULGANTE CO-10	100	67–70 ²⁾	paste	Europe
Cetyl/Oleyl alcohol polyethylene glycol ether (18 EO)	SLOVAPOL N 6818	100	—	solid	Europe
Cetyl/Oleyl alcohol polyethylene glycol ethers (20 EO)	SLOVAPOL N 6820	100	—	solid	Europe
	SLOVAPOL N 6820/2	25	—	liquid	Europe
	SLOVAPOL N 6820/3	33	—	liquid	Europe
	SLOVAPOL N 6820/7	70	—	liquid	Europe
Cetyl/Oleyl alcohol polyethylene glycol ether (22 EO)	EMULGANTE CO-22	100	74–78 ³⁾	solid	Europe
Cetyl/Oleyl alcohol polyethylene glycol ether (55 EO)	EMULGANTE CO-55	100	—	flakes	Europe
Oleyl alcohol polyethylene glycol ether	MARLIPAL SU	100	74–78 ³⁾	solid	Europe

¹⁾ 10% in 25% BDG solution²⁾ 1% in deionized water³⁾ 1% in 10% NaCl solution⁴⁾ hydroxyl number in mg KOH/g⁵⁾ 17% in 25% BDG solution¹⁰⁾ 2% in deionized water

Branched/semi branched alcohol ethoxylates

Chemical description	Product name	Active content [% by wt.]	Cloud point [°C]	Form supplied	Product made in
C ₁₀ -alcohol polyethylene glycol ether (3 EO)	BIODAC 310	100	56–57 ¹⁾	liquid	Europe
C ₁₀ -alcohol polyethylene glycol ether (4 EO)	BIODAC 410	100	67–68 ¹⁾	liquid	Europe
C ₁₀ -alcohol polyethylene glycol ether (5 EO)	BIODAC 510	100	36–38 ²⁾	liquid	Europe
C ₁₀ -alcohol polyethylene glycol ethers (6 EO)	BIODAC 610	100	54–56 ²⁾	liquid	Europe
	BIODAC 610 90%	90	54–56 ²⁾	liquid	Europe
	BIODAC 610 85%	85	54–56 ²⁾	liquid	Europe
C ₁₀ -alcohol polyethylene glycol ether (7 EO)	BIODAC 710	100	64–66 ²⁾	liquid	Europe
C ₁₀ -alcohol polyethylene glycol ether (8 EO)	BIODAC 810	100	79–81 ²⁾	liquid	Europe
C ₁₁ -alcohol polyethylene glycol ethers (3 EO)	ISALCHEM 11-3	100	48–52 ¹⁾	liquid	Europe
	LIALET 111-3	100	52–53 ¹⁾	liquid	Europe
C ₁₁ -alcohol polyethylene glycol ethers (5 EO)	ISALCHEM 11-5	100	65–67 ¹⁾	liquid	Europe
	ISALCHEM 11/50	100	65–67 ¹⁾	liquid	Asia
C ₁₁ -alcohol polyethylene glycol ether (5.5 EO)	LIALET 111-5.5	100	69–71 ¹⁾	liquid	Europe
C ₁₁ -alcohol polyethylene glycol ether (6 EO)	SLOVASOL 116	100	71–75 ¹⁾	liquid	Europe
C ₁₁ -alcohol polyethylene glycol ethers (7 EO)	ISALCHEM 11/70	100	73–75 ¹⁾	liquid	Asia
	LIALET 111-7	100	53–55 ²⁾	liquid	Europe
	SLOVASOL 117	100	56–60 ²⁾	liquid	Europe
C ₁₁ -alcohol polyethylene glycol ethers (8 EO)	ISALCHEM 11-8	100	60–62 ²⁾	liquid	Europe
	ISALCHEM 11-8 85%	85	60–62 ²⁾	liquid	Europe
	LIALET 111-8	100	64–66 ²⁾	liquid	Europe
	SLOVASOL 118	100	63–67 ²⁾	liquid	Europe
C ₁₁ -alcohol polyethylene glycol ethers (10 EO)	LIALET 111-10	100	84–86 ²⁾	liquid	Europe
	LIALET 111-10 85%	85	84–86 ²⁾	liquid	Europe
C ₁₁ -alcohol polyethylene glycol ether (15 EO)	ISALCHEM 11-15	100	70–72 ³⁾	solid	Europe
C ₁₁ -alcohol polyethylene glycol ether (21 EO)	LIALET 111/210	100	73–77 ³⁾	solid	Asia
C ₁₁ –C ₁₃ -alcohol polyethylene glycol ether (3 EO)	LIALET 113/30N	100	52–56 ¹⁾	liquid	Asia
C ₁₁ –C ₁₃ -alcohol polyethylene glycol ether (5 EO)	LIALET 113/50N	100	66–70 ¹⁾	liquid	Asia
C ₁₁ –C ₁₃ -alcohol polyethylene glycol ether (5.5 EO)	MARLIPAL 31/55	100	63–65 ¹⁾	liquid	Europe
C ₁₁ –C ₁₃ -alcohol polyethylene glycol ethers (6 EO)	MARLIPAL 31/60	100	68–69 ¹⁾	liquid	Europe
	MARLIPAL 31/685	85	68–69 ¹⁾	liquid	Europe
C ₁₁ –C ₁₃ -alcohol polyethylene glycol ether (7 EO)	LIALET 113/70N	100	51–55 ²⁾	liquid	Asia
C ₁₁ –C ₁₃ -alcohol polyethylene glycol ethers (9 EO)	MARLIPAL 31/90	100	54–56 ²⁾	liquid	Europe
	MARLIPAL 31/985	85	54–56 ²⁾	liquid	Europe
C ₁₁ –C ₁₃ -alcohol polyethylene glycol ethers (10 EO)	MARLIPAL 31/100	100	64–66 ²⁾	liquid	Europe
	MARLIPAL 31/1090	90	64–66 ²⁾	liquid	Europe
C ₁₂ –C ₁₃ -alcohol ethylene glycol ethers	LIALET 123-1	100	45–47 ⁷⁾	liquid	Europe
	NOVEL 23 E1	100	29 ¹⁾	liquid	USA
C ₁₂ –C ₁₃ -alcohol polyethylene glycol ethers (2 EO)	LIALET 123-2	100	40–42 ¹⁾	liquid	Europe
	NOVEL 23 E2	100	54 ¹⁾	liquid	USA

¹⁾ 10% in 25% BDG solution

²⁾ 1% in deionized water

³⁾ 1% in 10% NaCl solution

⁷⁾ 5% in 25% BDG solution

Surfactants, nonionic

Branched/semi branched alcohol ethoxylates

Chemical description	Product name	Active content [% by wt.]	Cloud point [°C]	Form supplied	Product made in
C ₁₂ –C ₁₃ -alcohol polyethylene glycol ethers (3 EO)	LIALET 123-3	100	52–54 ¹⁾	liquid	Europe
	NOVEL 23 E3	100	66 ¹⁾	liquid	USA
	SAFOL 23 E3	100	57–61 ¹⁾	liquid	USA
C ₁₂ –C ₁₃ -alcohol polyethylene glycol ether (4 EO)	LIALET 123-4	100	61–63 ¹⁾	liquid	Europe
C ₁₂ –C ₁₃ -alcohol polyethylene glycol ethers (5 EO)	LIALET 123-5	100	66–68 ¹⁾	liquid	Europe
	NOVEL 23 E5	100	77 ¹⁾	liquid	USA
	SAFOL 23 E5	100	69–73 ¹⁾	liquid	USA
	SAFOL EN 50	100	69–73 ¹⁾	liquid	Asia
C ₁₂ –C ₁₃ -alcohol polyethylene glycol ethers (7 EO)	COSMACOL AE-7	100	74–76 ¹⁾	liquid	Europe
	NOVEL 23 E7	100	60 ²⁾	liquid	USA
	SAFOL 23 E7	100	51–55 ²⁾	liquid	USA
	SAFOL EN 70	100	51–55 ²⁾	liquid	Asia
C ₁₂ –C ₁₃ -alcohol polyethylene glycol ether (8 EO)	LIALET 123-8	100	57–59 ²⁾	liquid	Europe
C ₁₂ –C ₁₃ -alcohol polyethylene glycol ethers (9 EO)	COSMACOL N II 9	100	58–68 ¹¹⁾	liquid	Europe
	NOVEL 23 E9	100	83 ²⁾	liquid	USA
	SAFOL 23 E9	100	79–82 ²⁾	liquid/paste	USA
	SAFOL EN 90	100	49–53 ³⁾	liquid/paste	Asia
C ₁₂ –C ₁₃ -alcohol polyethylene glycol ether (9.5 EO)	LIALET 123-9.5	100	70–72 ²⁾	liquid/paste	Europe
C ₁₂ –C ₁₃ -alcohol polyethylene glycol ethers (10 EO)	COSMACOL AE-10	100	61–64 ²⁾	liquid/paste	Europe
	LIALET 123-10	100	79–81 ²⁾	liquid/paste	Europe
C ₁₂ –C ₁₃ -alcohol polyethylene glycol ether (20 EO)	LIALET 123-20	100	49–53 ⁴⁾	paste	Europe
C ₁₂ –C ₁₃ -alcohol polyethylene glycol ether (30 EO)	NOVEL 23 E30	100	75 ³⁾	solid	USA
C ₁₂ –C ₁₅ -alcohol polyethylene glycol ether (2 EO)	LIALET 125-2	100	41–43 ¹⁾	liquid	Europe
C ₁₂ –C ₁₅ -alcohol polyethylene glycol ethers (3 EO)	LIALET 125-3	100	53–55 ¹⁾	liquid	Europe
	SLOVASOL 253	100	52–55 ¹⁾	liquid	Europe
C ₁₂ –C ₁₅ -alcohol polyethylene glycol ethers (5 EO)	LIALET 125-5	100	67–69 ¹⁾	liquid	Europe
	LIALET 125-5 90%	90	67–69 ¹⁾	liquid	Europe
	SLOVASOL 255	100	67–69 ¹⁾	liquid	Europe
	SLOVASOL 255/9	90	67–71 ¹⁾	liquid	Europe
C ₁₂ –C ₁₅ -alcohol polyethylene glycol ethers (7 EO)	LIALET 125-7	100	76–78 ¹⁾	liquid	Europe
	LIALET 125-7 90%	90	76–78 ¹⁾	liquid	Europe
	SLOVASOL 257	100	75–78 ¹⁾	liquid	Europe
	SLOVASOL 257/9	90	74–78 ¹⁾	liquid	Europe
C ₁₂ –C ₁₅ -alcohol polyethylene glycol ethers (8 EO)	LIALET 125-8	100	55–59 ²⁾	liquid	Europe
	LIALET 125-8 90%	90	55–59 ²⁾	liquid	Europe
	SLOVASOL 258	100	55–59 ²⁾	liquid	Europe
	SLOVASOL 258/9	90	55–59 ²⁾	liquid	Europe

¹⁾ 10% in 25% BDG solution²⁾ 1% in deionized water³⁾ 1% in 10% NaCl solution⁴⁾ hydroxyl number in mg KOH/g¹¹⁾ 1% in 5% NaCl solution

Chemical description	Product name	Active content [% by wt.]	Cloud point [°C]	Form supplied	Product made in
C ₁₂ –C ₁₅ -alcohol polyethylene glycol ether (9 EO)	LIALET 125-9 90%	90	60–62 ²⁾	liquid	Europe
C ₁₂ –C ₁₅ -alcohol polyethylene glycol ethers (10 EO)	SLOVASOL 2510	100	69–73 ²⁾	paste	Europe
	SLOVASOL 2510/9	90	69–73 ²⁾	paste	Europe
C ₁₂ –C ₁₅ -alcohol polyethylene glycol ether (13 EO)	SLOVASOL 2513	100	68–72 ³⁾	paste	Europe
C ₁₂ –C ₁₅ -alcohol polyethylene glycol ethers (20 EO)	SLOVASOL 2520	100	70–76 ³⁾	in drums: solid in bulk: liquid	Europe
	SLOVASOL 2520/2	25	70–76 ³⁾	liquid	Europe
C ₁₂ –C ₁₅ -alcohol polyethylene glycol ether mixtures	SLOVASOL 253.10/9	90	71–75 ¹⁾	liquid	Europe
	SLOVASOL 255.13	82	84–88 ¹⁾	liquid	Europe
C ₁₃ -alcohol polyethylene glycol ethers	MARLIPAL NE	100	52–55 ¹⁰⁾	liquid	Europe
	MARLIPAL NE 90%	90	52–55 ¹⁰⁾	liquid	Europe
C ₁₃ -alcohol polyethylene glycol ethers (3 EO)	MARLIPAL O13/30	100	48–51 ¹⁾	liquid	Europe
	MARLOSOL TA 30	100	48–51 ¹⁾	liquid	Asia
	MULTISO 13/30	100	48–51 ¹⁾	liquid	Asia
	NOVEL TDA-3	100	49 ¹⁾	liquid	USA
	TRIDAC ISO-3	100	50–52 ¹⁾	liquid	Europe
C ₁₃ -alcohol polyethylene glycol ethers (4 EO)	MARLIPAL O13/40	100	58–61 ¹⁾	liquid	Europe
	MULTISO 13/40	100	58–61 ¹⁾	liquid	Asia
	NOVEL TDA-4	100	58 ¹⁾	liquid	USA
C ₁₃ -alcohol polyethylene glycol ethers (5 EO)	MARLIPAL O13/50	100	64–67 ¹⁾	liquid	Europe
	MARLOSOL TA 3050	100	64–67 ¹⁾	liquid	Europe
	MARLOSOL TA 50	100	64–66 ¹⁾	liquid	Asia
	MULTISO 13/50	100	64–66 ¹⁾	liquid	Asia
	NOVEL TDA-5	100	64 ¹⁾	liquid	USA
	SLOVASOL 135	100	61–65 ¹⁾	liquid	Europe
	TRIDAC ISO-5	100	64–66 ¹⁾	liquid	Europe
C ₁₃ -alcohol polyethylene glycol ethers (6 EO)	MARLIPAL O13/60	100	69–72 ¹⁾	liquid	Europe
	MARLIPAL O13/69	90	69–72 ¹⁾	liquid	Europe
	MARLOSOL TA 60	100	69–71 ¹⁾	liquid	Asia
	MULTISO 13/60	100	69–71 ¹⁾	liquid	Asia
	NOVEL TDA-6	100	70 ¹⁾	liquid	USA
	SLOVASOL 136	100	67–71 ¹⁾	liquid	Europe
	TRIDAC ISO-6	100	72–74 ¹⁾	liquid	Europe

¹⁾ 10% in 25% BDG solution

²⁾ 1% in deionized water

³⁾ 1% in 10% NaCl solution

¹⁰⁾ 2% in deionized water

Surfactants, nonionic

Branched/semi branched alcohol ethoxylates

Chemical description	Product name	Active content [% by wt.]	Cloud point [°C]	Form supplied	Product made in
C ₁₃ -alcohol polyethylene glycol ethers (7 EO)	MARLIPAL O13/70	100	72–75 ¹⁾	liquid	Europe
	MARLIPAL O13/79	90	72–75 ¹⁾	liquid	Europe
	MARLOSOL TA 3070	100	72–75 ¹⁾	liquid	Europe
	MARLOSOL TA 70	100	73–75 ¹⁾	liquid	Asia
	MULTISO 13/70	100	73–75 ¹⁾	liquid	Asia
	NOVEL TDA-7	100	74 ¹⁾	liquid	USA
	SLOVASOL 137	100	70–74 ¹⁾	liquid	Europe
C ₁₃ -alcohol polyethylene glycol ethers (8 EO)	MARLIPAL O13/80	100	76–78 ¹⁾	liquid	Europe
	MARLIPAL O13/89	90	76–78 ¹⁾	liquid	Europe
	MARLOSOL TA 80	100	76–78 ¹⁾	liquid	Asia
	MULTISO 13/80	100	76–78 ¹⁾	liquid	Asia
	MULTISO 13/89	90	76–78 ¹⁾	liquid	Asia
	NOVEL TDA-8	100	78 ¹⁾	liquid	USA
	TRIDAC ISO-8	100	76–78 ¹⁾	liquid	Europe
	TRIDAC ISO-8 85%	85	77–79 ¹⁾	liquid	Europe
C ₁₃ -alcohol polyethylene glycol ethers (9 EO)	MARLIPAL O13/90	100	56–59 ¹⁰⁾	liquid/paste	Europe
	MARLIPAL O13/99	90	56–59 ¹⁰⁾	liquid	Europe
	MARLOSOL TA 3090	100	56–59 ¹⁰⁾	liquid	Europe
	MULTISO 13/90	100	57–59 ²⁾	liquid/paste	Asia
	MULTISO 13/99	90	57–59 ²⁾	liquid	Asia
	NOVEL TDA-9	100	58 ²⁾	liquid/paste	USA
	SLOVASOL 139	100	57–61 ²⁾	liquid	Europe
C ₁₃ -alcohol polyethylene glycol ethers (10 EO)	MARLIPAL O13/100	100	74–77 ¹⁰⁾	liquid/paste	Europe
	MARLIPAL O13/109	90	74–77 ¹⁰⁾	liquid	Europe
	NOVEL TDA-10	100	71 ²⁾	liquid	USA
	MULTISO 13/100	100	74–77 ²⁾	liquid/paste	Asia
	SLOVASOL 1310	100	64–68 ²⁾	liquid/paste	Europe
C ₁₃ -alcohol polyethylene glycol ether (11 EO)	MULTISO 13/110	100	78–82 ²⁾	liquid/paste	Europe
C ₁₃ -alcohol polyethylene glycol ethers (12 EO)	MARLIPAL O13/120	100	54–57 ⁶⁾	in drums: paste in bulk: liquid	Europe
	MARLIPAL O13/129	90	54–57 ³⁾	liquid	Europe
	MULTISO 13/120	100	54–57 ⁶⁾	liquid/paste	Asia
	NOVEL TDA-12	100	90 ²⁾	liquid	USA
	TRIDAC ISO-12	100	54–57 ³⁾	liquid/paste	Europe
C ₁₃ -alcohol polyethylene glycol ethers (13 EO)	MARLIPAL O13/130	100	74–76 ¹¹⁾	paste	Europe
	MULTISO 13/130	100	73–76 ¹¹⁾	paste	Asia
C ₁₃ -alcohol polyethylene glycol ether (20 EO)	MARLIPAL O13/208	80	72–75 ⁶⁾	liquid	Europe

¹⁾ 10% in 25% BDG solution²⁾ 1% in deionized water³⁾ 1% in 10% NaCl solution⁶⁾ 2% in 10% NaCl solution¹⁰⁾ 2% in deionized water¹¹⁾ 1% in 5% NaCl solution

Chemical description	Product name	Active content [% by wt.]	Cloud point [°C]	Form supplied	Product made in
C ₁₃ -alcohol polyethylene glycol ethers (30 EO)	NOVEL TDA-30	100	76 ³⁾	solid	USA
	MARLIPAL O13/307	70	33–39 ⁴⁾	liquid	Europe
C ₁₃ -alcohol polyethylene glycol ether (40 EO)	TRIDAC ISO-40 70%	70	27–31 ⁴⁾	liquid	Europe
C ₁₃ -alcohol polyethylene glycol ether mixtures	MARLIPAL O13/930	100	70–72 ¹⁾	liquid	Europe
	MARLIPAL O13/939	90	70–72 ¹⁾	liquid	Europe
C ₁₃ –C ₁₅ -alcohol polyethylene glycol ethers (6 EO)	SLOVASOL 356	100	69–72 ¹⁾	liquid	Europe
	SLOVASOL 356/9	90	69–72 ¹⁾	liquid	Europe
C ₁₄ –C ₁₅ -alcohol polyethylene glycol ether (3 EO)	LIALET 145-3	100	53–55 ¹⁾	liquid	Europe
C ₁₄ –C ₁₅ -alcohol polyethylene glycol ethers (4 EO)	LIALET 145-4	100	62–64 ¹⁾	liquid	Europe
	SLOVASOL 454	100	60–64 ¹⁾	liquid	Europe
C ₁₄ –C ₁₅ -alcohol polyethylene glycol ethers (5 EO)	LIALET 145-5	100	66–67 ¹⁾	liquid	Europe
	SLOVASOL 455	100	66 ¹⁾	liquid	Europe
C ₁₄ –C ₁₅ -alcohol polyethylene glycol ether (7 EO)	SLOVASOL 457	100	73–77 ¹⁾	paste	Europe
C ₁₄ –C ₁₅ -alcohol polyethylene glycol ethers (8 EO)	LIALET 145-8	100	78–80 ¹⁾	paste	Europe
	SLOVASOL 458	100	77–81 ¹⁾	paste	Europe
	SLOVASOL 458/9	90	76–80 ¹⁾	liquid	Europe
C ₁₄ –C ₁₅ -alcohol polyethylene glycol ethers (9 EO)	LIALET 145-9	100	60–62 ²⁾	paste	Europe
	SLOVASOL 459	100	60–63 ²⁾	paste	Europe
C ₁₄ –C ₁₅ -alcohol polyethylene glycol ether (10 EO)	LIALET 145-10 90%	90	64–67 ²⁾	liquid	Europe
C ₁₄ –C ₁₅ -alcohol polyethylene glycol ether (12 EO)	SLOVASOL 4512	100	53–57 ³⁾	paste	Europe
C ₁₆ –C ₁₇ -alcohol polyethylene glycol ether (9 EO)	LIALET 167-9	100	78–81 ¹⁾	paste	Europe

¹⁾ 10% in 25% BDG solution

²⁾ 1% in deionized water

³⁾ 1% in 10% NaCl solution

⁴⁾ hydroxyl number in mg KOH/g

Surfactants, nonionic

Terminally blocked linear alcohol ethoxylates

Chemical description	Product name	Active content [% by wt.]	Cloud point [°C]	Form supplied	Product made in
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ether (8 EO), tert. butyl blocked	MARLOX B 24/80	100	34–38 ¹⁰⁾	liquid	Europe

Alkylphenol ethoxylates*

Chemical description	Form supplied	Active content [% by wt.]	Cloud point [°C]	Product name	Product made in
Di butylphenol polyethylene glycol ether (13 EO) *	MARLOWET TBP 13	90	81–84 ²⁾	liquid	Europe
Octylphenol polyethylene glycol ether (3 EO) *	OTIX 3	100	45–49 ¹⁾	liquid	Europe
Octylphenol polyethylene glycol ether (10 EO) *	OTIX 10	100	67–69 ²⁾	liquid	Europe
Octylphenol polyethylene glycol ether (25 EO) *	OTIX 25	100	86–90 ³⁾	solid	Europe
Octylphenol polyethylene glycol ether (40 EO) *	OTIX 40	100	75–78 ³⁾	flakes	Europe
Nonylphenol polyethylene glycol ethers (2 EO) *	NONFIX 2	100	25–30 ¹⁾	liquid	Europe
	NPE-2	100	53–57 ⁷⁾	liquid	Asia
Nonylphenol polyethylene glycol ethers (3 EO) *	MARLOPHEN NP 3	100	44–46 ¹⁾	liquid	Europe
	NPE-3	100	44–48 ¹⁾	liquid	Asia
Nonylphenol polyethylene glycol ethers (4 EO) *	MARLOPHEN NP 4	100	54–56 ¹⁾	liquid	Europe
	NONFIX 4	100	55–57 ¹⁾	liquid	Europe
	SLOVAFOL 904	100	54–57 ¹⁾	liquid	Europe
	NPE-4	100	54–57 ¹⁾	liquid	Asia
	NPE-450	100	59–61 ¹⁾	liquid	Asia
Nonylphenol polyethylene glycol ethers (5 EO) *	MARLOPHEN NP 5	100	60–62 ¹⁾	liquid	Europe
	NONFIX 5	100	63–65 ¹⁾	liquid	Europe
	SLOVAFOL 905	100	62–65 ¹⁾	liquid	Europe
	NPE-5	100	62–64 ¹⁾	liquid	Asia

¹⁾ 10% in 25% BDG solution²⁾ 1% in deionized water³⁾ 1% in 10% NaCl solution⁷⁾ 5% in 25% BDG solution¹⁰⁾ 2% in deionized water

* Please note that according to the EU Directive 2003/53/EC of the European Parliament and Council of 18 June 2003 the marketing and use of these products is legally restricted in Europe because of the

aquatic toxicity of their degradation intermediates. For more details please contact us.

Chemical description	Product name	Active content [% by wt.]	Cloud point [°C]	Form supplied	Product made in
Nonylphenol polyethylene glycol ether (5.5 EO) *	SLOVAFOL 905.5	100	65–68 ¹⁾	liquid	Europe
Nonylphenol polyethylene glycol ethers (6 EO) *	MARLOPHEN NP 6	100	68–70 ¹⁾	liquid	Europe
	NONFIX 6	100	68–69 ¹⁾	liquid	Europe
	NPE-6	100	60–64 ⁵⁾	liquid	Asia
	SLOVAFOL 906	100	67–70 ¹⁾	liquid	Europe
Nonylphenol polyethylene glycol ethers (7 EO) *	MARLOPHEN NP 7	100	71–74 ¹⁾	liquid	Europe
	NONFIX 7	100	21–23 ²⁾	liquid	Europe
	NPE-7	100	71–74 ¹⁾	liquid	Asia
Nonylphenol polyethylene glycol ethers (8 EO) *	MARLOPHEN NP 8	100	30–34 ²⁾	liquid	Europe
	NONFIX 8	100	36–38 ²⁾	liquid	Europe
	SLOVAFOL 908	100	74–77 ¹⁾	liquid	Europe
	NPE-8	100	30–34 ²⁾	liquid	Asia
Nonylphenol polyethylene glycol ether (8.5 EO) *	MARLOPHEN NP 8,5	100	41–45 ²⁾	liquid	Europe
Nonylphenol polyethylene glycol ethers (9 EO) *	MARLOPHEN NP 9	100	51–56 ²⁾	liquid	Europe
	NONFIX 9	100	54–56 ²⁾	liquid	Europe
	SLOVAFOL 909	100	53–56 ²⁾	liquid	Europe
	NPE-9	100	52–56 ²⁾	liquid	Asia
Nonylphenol polyethylene glycol ether (9.5 EO) *	MARLOPHEN NP 9,5	100	57–61 ²⁾	liquid	Europe
Nonylphenol polyethylene glycol ethers (10 EO) *	MARLOPHEN NP 10	100	62–67 ²⁾	liquid	Europe
	NONFIX 10	100	64–66 ²⁾	liquid	Europe
	SLOVAFOL 910	100	61–65 ²⁾	liquid	Europe
	NPE-10	100	61–66 ²⁾	liquid	Asia
Nonylphenol polyethylene glycol ether (11 EO)*	MARLOPHEN NP 11	100	71–73 ²⁾	liquid	Europe
Nonylphenol polyethylene glycol ethers (12 EO) *	MARLOPHEN NP 12	100	79–84 ²⁾	liquid	Europe
	NONFIX 12	100	84–86 ²⁾	liquid/paste	Europe
Nonylphenol polyethylene glycol ethers (13 EO) *	NONFIX 13	100	94–96 ²⁾	liquid/paste	Europe
	NPE-13	100	90–94 ²⁾	liquid/paste	Asia
Nonylphenol polyethylene glycol ethers (15 EO) *	MARLOPHEN NP 15	100	65–68 ³⁾	liquid/paste	Europe
	NONFIX 15	100	67–69 ³⁾	liquid/paste	Europe
	SLOVAFOL 915	100	63–67 ³⁾	liquid/paste	Europe
	NPE-15	100	64–68 ³⁾	liquid/paste	Asia
Nonylphenol polyethylene glycol ethers (20 EO) *	MARLOPHEN NP 20	100	71–75 ³⁾	in drums: solid in bulk: liquid	Europe

1) 10% in 25% BDG solution
2) 1% in deionized water
3) 1% in 10% NaCl solution
5) 17% in 25% BDG solution

* Please note that according to the EU Directive 2003/53/EC of the European Parliament and Council of 18 June 2003 the marketing and use of these products is

legally restricted in Europe because of the aquatic toxicity of their degradation intermediates. For more details please contact us.

Surfactants, nonionic

Alkylphenol ethoxylates*

Chemical description	Product name	Active content [% by wt.]	Cloud point [°C]	Form supplied	Product made in
Nonylphenol polyethylene glycol ethers (20 EO) *	NONFIX 20	100	73–75 ³⁾	in drums: solid in bulk: liquid	Europe
	NONFIX 20 70%	70	73–75 ³⁾	liquid	Europe
Nonylphenol polyethylene glycol ether (21 EO) *	NPE-21	100	71–75 ³⁾	liquid	Asia
Nonylphenol polyethylene glycol ether (25 EO) *	NONFIX 25	100	75–77 ³⁾	solid	Europe
Nonylphenol polyethylene glycol ethers (30 EO) *	MARLOPHEN NP 30	100	33–39 ⁴⁾	in drums: solid in bulk: liquid	Europe
	NONFIX 30R	100	33–38 ⁴⁾	flakes	Europe
	NPE-30	100	73–75 ³⁾	solid	Asia
	NPE-3070	70	73–75 ³⁾	liquid	Asia
	NONFIX 30 70%	70	75–77 ³⁾	liquid	Europe
Nonylphenol polyethylene glycol ethers (40 EO) *	NONFIX 40	100	74–76 ³⁾	flakes	Europe
	NPE-40	100	74–76 ³⁾	flakes	Asia
Nonylphenol polyethylene glycol ethers (50 EO) *	MARLOPHEN NP 50	100	20–26 ⁴⁾	in drums: solid in bulk: liquid	Europe
	NONFIX 50	100	20–26 ⁴⁾	flakes	Europe
	NPE-50	100	20–26 ⁴⁾	flakes	Asia
Nonylphenol polyethylene glycol ether (100 EO) *	NONFIX 100	100	15–20 ⁴⁾	flakes	Europe

³⁾ 1% in 10% NaCl solution⁴⁾ hydroxyl number in mg KOH/g

* Please note that according to the EU Directive 2003/53/EC of the European Parliament and Council of 18 June 2003 the marketing and use of these products is

legally restricted in Europe because of the aquatic toxicity of their degradation intermediates. For more details please contact us.

Alkylphenol propoxylates*

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
Nonylphenol polypropylene glycol ether (10 PO) *	NONFIX 11011	100 —	liquid	Europe

Sorbitol propoxylates

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
Sorbitol propoxylate	NONIDAC SORB 9 PO	100 —	liquid	Europe

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legally restricted in Europe because of the aquatic toxicity of their degradation intermediates. For more details please contact us.

Surfactants, nonionic

Alcohol-ethylene oxide-propylene oxide-addition products

Chemical description	Product name	Active content [% by wt.]	Cloud point [°C]	Form supplied	Product made in
C ₁₀ -alcohol polyalkylene glycol ether	MARLOX K 158	100	36–39 ¹⁾	liquid	Europe
C ₁₀ –C ₁₂ -alcohol polyalkylene glycol ethers	MARLOX FK 64	100	54–56 ¹⁾	liquid	Europe
	MARLOX FK 69	100	42–44 ¹⁰⁾	liquid	Europe
	MARLOX FK 86	100	21–23 ¹⁰⁾	liquid	Europe
C ₁₁ -alcohol polyalkylene glycol ethers	BIODAC 2-32	100	34–36 ²⁾	liquid	Europe
	MARLOX 11009	100	9–11 ²⁾	liquid	Europe
	MARLOX 11027	100	26–28 ²⁾	liquid	Europe
	MARLOX OP-1	100	36–38 ²⁾	liquid	Europe
	MARLOX 40	100	60–62 ¹⁾	liquid	Europe
	MARLOX 50	100	38–44 ²⁾	liquid	Europe
	MARLOX 80	100	54–56 ²⁾	liquid	Europe
C ₁₂ –C ₁₄ -alcohol polyalkylene glycol ethers	MARLOX MO 124	100	38–40 ¹⁾	liquid	Europe
	MARLOX MO 154	100	40–43 ⁵⁾	liquid	Europe
C ₁₂ –C ₁₅ -alcohol polyalkylene glycol ethers	LORODAC L6-S-50	100	37–41 ²⁾	liquid	Europe
	MARLOX LF 9353	100	34–37 ¹⁾	liquid	Europe
	NOVANIK 0633 A	100	45–51 ¹⁾	liquid	Europe
	NOVANIK 1018 A	100	34–40 ⁷⁾	liquid	Europe
	NOVANIK 1047 A	100	46–52 ¹⁾	liquid	Europe
C ₁₃ -alcohol polyalkylene glycol ether	MARLOX N 92	100	42–46 ¹⁰⁾	liquid	Europe
C ₁₃ –C ₁₅ -alcohol polyalkylene glycol ether	MARLOX S 58	100	38–42 ¹⁾	liquid	Europe
C ₁₆ –C ₁₈ -alcohol polyalkylene glycol ether	EMULDAC 151 PE	100	35–38 ¹⁾	liquid	Europe
C ₁₆ –C ₁₈ -alcohol polyalkylene glycol ether	EMULDAC 251 PE	100	21–26 ¹⁾	liquid	Europe
C ₁₆ –C ₁₈ -alcohol polyalkylene glycol ether	MARLOX RT 42	100	51–53 ¹⁾	liquid	Europe
C ₁₆ –C ₁₈ -alcohol polyalkylene glycol ether	MARLOX RT 64	100	60–62 ¹⁾	liquid	Europe
C ₁₈ -alcohol polyalkylene glycol ether	MARLOWET 5001	100	ca. 61 ¹⁾	liquid	Europe
Alcohol polyalkylene glycol ether	MARLOWET 5056	100	70–74 ¹⁰⁾	liquid	Europe

¹⁾ 10% in 25% BDG solution²⁾ 1% in deionized water⁵⁾ 17% in 25% BDG solution⁷⁾ 5% in 25% BDG solution¹⁰⁾ 2% in deionized water

Block ethylene oxide-propylene oxide-addition products

Chemical description	Product name	Active content [% by wt.]	Cloud point [°C]	Form supplied	Product made in
Block ethylene oxide-propylene oxide copolymers	NOVANI 1010	100	53–59 ¹⁾	liquid	Europe
	SLOVANI 1010	100	46–50 ¹⁾	liquid	Europe
	SLOVANI 1540	100	66–74 ¹⁾	liquid	Europe
	SLOVANI 2010	100	40–48 ¹⁾	liquid	Europe
	SLOVANI 3040	100	68–72 ¹⁾	liquid	Europe
	SLOVANI 3070/7	70	69–73 ⁷⁾	liquid	Europe

Glycerol derivatives

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
Glycerol ethoxylates	GLICERODAC 2	100	liquid	Europe
	GLICERODAC/7,5	100	liquid	Europe
	GLICERODAC	100	liquid	Europe
	GLICERODAC/20	100	liquid	Europe

¹⁾ 10% in 25% BDG solution

⁷⁾ 5% in 25% BDG solution

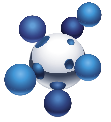
Surfactants, nonionic

Special compounds

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
Blend based on nonionic surfactant compounds	SLOVAMIX AP	90	liquid	Europe
	SLOVAMIX IK 6	70	liquid	Europe
	SLOVAMIX TZ	90	liquid	Europe
	LORODAC 6M 24 90%	90	liquid	Europe
Blend based on nonionic and anionic surfactant compounds	SLOVAMIX AS	90	liquid	Europe
	SLOVAMIX IK	70	liquid	Europe
Blend based on polyethyleneglycols	SLOVAMIX TS 15	35	liquid	Europe
Blend based on nonionic and anionic surfactant compounds and inorganic salts	SLOVAMIX TD	25	liquid	Europe
Blend based on a nonionic surfactant and TEA soap	MARLOX M 606	95	liquid	Europe

Soil release polymers

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
Polyether-polyester copolymers	MARLOQUEST B	100	granules	Europe
	MARLOQUEST G82	100	granules	Europe
	MARLOQUEST HSCB	70	liquid	Europe
	MARLOQUEST L235 M	70	liquid	Europe
	MARLOQUEST SL	100	granules	Europe



Surfactants, anionic

Alkylbenzene sulphonic acids

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
n-C ₁₀ -C ₁₃ -alkylbenzene sulphonic acids	MARLON AS 3	97	liquid	Europe
	MARLON AS 3H	96	liquid	Europe
	SOLFODAC AC-3-I	97	liquid	Europe
	SOLFODAC AC-3-H	97	liquid	Europe
	GULFAS LINEAR	96.5	liquid	Asia

2

Alkylbenzene sulphonates

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
n-C ₁₀ -C ₁₃ -alkylbenzene sulphonate, Na salts	MARLON A 315	15	liquid	Europe
	MARLON A 330	30	liquid	Europe
	MARLON A 350	50	liquid/paste	Europe
	SOLFODAC DBL-60	56	liquid/paste	Europe
	MARLON A 360	60	liquid/paste	Europe
	MARLON A 365	65	liquid/paste	Europe
	MARLON A 375	75	paste	Europe
	MARLON ARL	80	powder	Europe
n-C ₁₀ -C ₁₃ -alkylbenzene sulphonate, MIPA salt	MARLON AMI 80	77	liquid	Europe
n-C ₁₀ -C ₁₃ - alkylbenzene sulphonate, TEA salt	MARLOPON AT 50	50	liquid	Europe

Alcohol sulphates

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
C ₁₂ -C ₁₄ -alcohol sulphate, ammonium salt	ALS-70	70	paste	Asia
C ₁₂ -C ₁₃ -alcohol sulphate, Na salt	DACPON 27-23	27	liquid	Europe
C ₁₄ -C ₁₅ -alcohol sulphate, Na salt	DACPON 60-45 L	60	paste	Europe

Alcohol ether sulphates

2

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
Linear C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO) sulphate, Na salts	COSMACOL AES 27-2-24	27	liquid	Europe
	COSMACOL AES 70-2-24	70	paste	Europe
	MARLINAT 242/28	28	liquid	Europe
	MARLINAT 242/28 UK	28	liquid	Europe
	MARLINAT 242/70	70	paste	Europe
	MARLINAT 242/70 C	70	paste	Europe
Linear C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO) sulphate, Na salts	AES 270N-II	70	paste	Asia
	AES 270ZN	70	paste	Asia
Linear C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO) sulphate, Na salts	COSMACOL AES 27-3-24	27	liquid	Europe
	AES 370N	70	paste	Asia
	COSMACOL AES 70-3-24	70	paste	Europe
Linear C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO) sulphate, ammonium salt	AAES 370N	70	paste	Asia
Linear C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether sulphate, ammonium salt	AELS-70	70	paste	Asia
Linear C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO) sulphate, monoisopropanolammonium salt	MARLINAT 242/90 M	90	liquid	Europe
C ₁₂ -C ₁₃ -alcohol ethylene glycol ether sulphate, Na salts	DACLOR 27-1-23	27	liquid	Europe
	DACLOR 70-1-23	70	paste	Europe
C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (3 EO) sulphate, Na salts	DACLOR 27-3-23	27	liquid	Europe
	DACLOR 70-3-23	70	paste	Europe
C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (20 EO) sulphate, Na salt	DACLOR 27-20-23	27	liquid	Europe

Surfactants, anionic

Alkyl- (aryl-) alkoxylated carboxylic acid

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
C ₉ -alcohol polyethylene glycol ether carboxylic acids (LF = low foaming grade)	MARLOWET 4539	90	liquid	Europe
	MARLOWET 4539 LF	90	liquid	Europe
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ether carboxylic acids	MARLOWET 1072	90	liquid	Europe
	MARLOWET 4541	90	liquid	Europe
C ₁₃ -alcohol polyethylene glycol ether carboxylic acid	MARLOWET 4538	90	liquid	Europe
Dinonylphenol polyethylene glycol ether carboxylic acids (LF= low foaming grade) *	MARLOWET 4530	90	liquid	Europe
	MARLOWET 4530 LF	90	liquid	Europe
C ₁₆ –C ₁₈ -alcohol polyalkylene glycol ether carboxylic acids	MARLOWET 4560	90	paste	Europe
	MARLOWET 4561	90	paste	Europe

Carboxylic acid, salt

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
Carboxylic acid, amine salt	MARLOWET 5609	100	liquid	Europe

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legally restricted in Europe because of the aquatic toxicity of their degradation intermediates. For more details please contact us.

Special compounds

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
Blend based on n-C ₁₀ –C ₁₃ -alkylbenzene sulphonate, Na salt, C ₁₂ –C ₁₄ -alcohol ether sulphate, Na salt, C ₁₂ –C ₁₄ -alcohol polyethylene glycol ether and fatty acid alkanolamide	MARLON AFO 50	50	liquid/paste	Europe
Blend based on alcohol C ₁₀ –C ₁₅ polyalkylene glycol ether, fatty amine polyalkylene glycol ether and coco fatty acid	NONIDAC AC 1	100	liquid	Europe
Blend based on fatty alcohol C ₁₂ –C ₁₅ polyethylene glycol ether, n-C ₁₀ –C ₁₃ -alkylbenzene sulphonic acid and coco fatty acid, alkanolamine salt	TENSIODAC HDL 22	84	liquid	Europe
C ₁₂ –C ₁₄ -alcohol polyethylene glycol ether (4 EO) phosphate, Na salt	SLOVAFOS 4	100	liquid	Europe
Blend of n-C ₁₀ –C ₁₃ -alkylbenzene sulphonate, alkyl polyethylene glycol ether and fatty acid polyethylene glycol ether	MARLOWET OFA	100	liquid	Europe
C ₁₄ –C ₁₅ -alcohol polyethylene glycol ether (8 EO) phosphate, MEA salt	SLOVAFOS 1	100	liquid	Europe

Fatty acid esters and -amides

Fatty acid esters, ethoxylated

Chemical description	Product name	Form supplied	Product made in
C ₁₂ -fatty acid polyethylene glycol ester (7 EO)	LAURILDAC 7	liquid	Europe
C ₁₂ -fatty acid polyethylene glycol ester (9 EO)	FCE 9-L98	liquid	Asia
C ₁₂ -fatty acid polyethylene glycol ester (10 EO)	LAURILDAC 10	liquid	Europe
Coco fatty acid polyethylene glycol ester (9 EO)	LAURILDAC AGC-9	liquid	Europe
Coco fatty acid polyethylene glycol esters (10 EO)	LAURILDAC AGC-10	liquid	Europe
	SLOVACID K 10	liquid	Europe
Stearic acid polyethylene glycol esters (6 EO)	COSTER K6	solid	Europe
	SLOVACID S 6	paste	Europe
Stearic acid polyethylene glycol ester (10 EO)	COSTER K10	solid	Europe
Stearic acid polyethylene glycol ester (15 EO)	COSTER K15	solid	Europe
Stearic acid polyethylene glycol ester (45 EO)	SLOVACID S 45	solid	Europe
Oleic acid polyethylene glycol ester (3 EO)	SLOVACID O 3	liquid	Europe
Oleic acid polyethylene glycol ester (4 EO)	MARLOSOL OL 4	liquid	Europe
Oleic acid polyethylene glycol esters (6 EO)	EMULGANTE A-6	liquid	Europe
	SLOVACID O 6	liquid	Europe
Oleic acid polyethylene glycol esters (7 EO)	MARLOSOL OL 7	liquid	Europe
	MARLOWET OTS	liquid	Europe
Oleic acid polyethylene glycol ester (8 EO)	EMULGANTE A-8	liquid	Europe
Oleic acid polyethylene glycol ester (9 EO)	EMULGANTE A-9	liquid	Europe
Oleic acid polyethylene glycol ester (20 EO)	SLOVACID O 20	liquid/paste	Europe
PEG 400 dioleate	MARLOWET 4702	liquid	Europe
PEG 600 dioleate	MARLOSOL FS	liquid	Europe
Mixture of fatty acid and PEG-esters	MARLOWET 4750 M	liquid	Europe
Sorbitan mono-laurate polyethylene glycol ether (20 EO)	DACOL MLS-20	liquid	Europe
Sorbitan mono-stearate polyethylene glycol ether (20 EO)	DACOL MSS-20	solid	Europe
Sorbitol mono-oleate polyethylene glycol ether (20 EO)	DACOL MOS-20	liquid	Europe

Castor oil ethoxylates

Chemical description	Product name	Form supplied	Product made in
Castor oil, ethoxylated (10 EO)	SLOVACID R 10	liquid	Europe
Castor oil, ethoxylated (11 EO)	MARLOWET R 11	liquid	Europe
Castor oil, ethoxylated (20 EO)	SLOVACID R 20	paste	Europe
	SLOVACID R 20/8	liquid	Europe
Castor oil, ethoxylated (23 EO)	EMULGANTE EL-18	liquid	Europe
Castor oil, ethoxylated (30 EO)	EMULGANTE EL-30	liquid	Europe
Castor oil, ethoxylated (38 EO)	EMULGANTE EL-65	liquid/paste	Europe
Castor oil, ethoxylated (40 EO)	MARLOWET R 40	liquid	Europe
Castor oil, ethoxylated (50 EO)	EMULGANTE EL	liquid/paste	Europe
	EMULGANTE EL 80%	liquid	Europe
Castor oil, ethoxylated (85 EO)	EMULGANTE ELC	solid	Europe
Castor oil, ethoxylated (200 EO)	EMULGANTE ELC-200	solid	Europe
	EMULGANTE ELC-200 50%	liquid	Europe
Esters of ethoxylated castor oil	MARLOWET LVS	liquid	Europe
	MARLOWET CG	liquid	Europe

Fatty acid esters and -amides

Fatty acid alkanolamides

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
Lauric acid monoethanolamide	DACAMID MAL	100	flakes	Europe
Coconut oil monoethanolamide	DACAMID MC	100	solid	Europe
Coconut oil diethanolamide	DACAMID DC	100	liquid	Europe

3



Fatty acid esters, others

Chemical description	Product name	Form supplied	Product made in
Stearic acid polypropylene glycol ester (44 PO)	SLOVACID S 44P	liquid/paste	Europe



Alkylamine alkoxyates

Alkylamine ethoxylates

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
Lauryl amine polyethylene glycol ether (10 EO)	MARLAZIN L 10	100	liquid	Europe
Tallow amine polyethylene glycol ether (7 EO)	MARLAZIN T 7/2	100	liquid	Europe
Tallow amine polyethylene glycol ether (15 EO)	MARLAZIN T 15/2	100	liquid/paste	Europe
Tallow amine polyethylene glycol ether (50 EO)	MARLAZIN T 50/45	45	liquid	Europe
Stearyl amine polyethylene glycol ether (7 EO)	SLOVAMIN OD 7	100	liquid	Europe
Stearyl amine polyethylene glycol ether (15 EO)	DIAMMIN S-15	100	liquid	Europe
Stearyl amine polyethylene glycol ether (20 EO)	SLOVAMIN OD 20	100	paste	Europe
Stearyl amine polyethylene glycol ether (25 EO)	DIAMMIN S-25	100	solid	Europe
Oleyl amine polyethylene glycol ethers (2 EO)	DIAMMIN KLG-2	100	liquid	Europe
	MARLAZIN OL 2	100	liquid	Europe
Oleyl amine polyethylene glycol ether (6 EO)	DIAMMIN KLG-6	100	liquid	Europe
Oleyl amine polyethylene glycol ether (15 EO)	DIAMMIN KLG-100	100	liquid	Europe
Oleyl amine polyethylene glycol ether (20 EO)	MARLAZIN OL 20	100	liquid	Europe
Oleyl amine polyethylene glycol ether (25 EO)	DIAMMIN KLG-25	100	liquid/paste	Europe
Triethanolamine polyethylene glycol ether (6 EO)	SLOVAMIN TE 6	100	liquid	Europe

Alkylamine ethoxylate propoxylates

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
Oleyl fatty amine ethoxylate and propoxylate	DIAMMIN KLG-11154	100	liquid	Europe
Ethylenediamine propoxylate and ethoxylate	DIAMMIN EDA-72	100	flakes	Europe

Hydrotropics

Cumene sulphonates

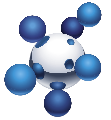
Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
Potassium sodium cumene sulphonate	KNA cumene sulphonate 40	40	liquid	Europe
Sodium cumene sulphonate	Sodium cumene sulphonate 40	40	liquid	Europe
Sodium butyl monoglycol sulphate	Sodium butyl monoglycol sulphate 50	50	liquid	Europe

Polyethylene glycols

PEG grades

Chemical description	Product name	Active content [% by wt.]	Form supplied	Product made in
PEG-4	LIPOXOL 200	100	liquid	Europe
	SLOVAPEG 200	100	liquid	Europe
PEG-6	LIPOXOL 300	100	liquid	Europe
	LIPOXOL 300 MED	100	liquid	Europe
	SLOVAPEG 300	100	liquid	Europe
PEG-8	LIPOXOL 400	100	liquid	Europe
	LIPOXOL 400 MED	100	liquid	Europe
	POLIDAC 400	100	liquid	Europe
	SLOVAPEG 400	100	liquid	Europe
PEG-12	LIPOXOL 600	100	liquid	Europe
	LIPOXOL 600 MED	100	liquid	Europe
	POLIDAC 600	100	liquid	Europe
	SLOVAPEG 600	100	liquid	Europe
	SLOVAPEG 600/4	40	liquid	Europe
PEG-20	LIPOXOL 1000	100	solid	Europe
	LIPOXOL 1000 MED	100	solid	Europe
	SLOVAPEG 1000	100	liquid	Europe
PEG-32	LIPOXOL 1500	100	flakes	Europe
	LIPOXOL 1500 MED	100	flakes	Europe
	SLOVAPEG 1500	100	liquid	Europe
PEG-45	POLIDAC 2000	100	liquid/flakes	Europe
PEG-60	LIPOXOL 3000	100	flakes	Europe
	LIPOXOL 3000 MED	100	flakes or powder	Europe
PEG-75	LIPOXOL 3350	100	flakes	Europe
	LIPOXOL 3350 MED	100	flakes or powder	Europe
PEG-90	LIPOXOL 4000	100	flakes or powder	Europe
	LIPOXOL 4000 MED	100	flakes or powder	Europe
	POLIDAC 4000	100	flakes	Europe
PEG-135	LIPOXOL 6000	100	flakes or powder	Europe
	LIPOXOL 6000 MED	100	flakes or powder	Europe
	POLIDAC 6000	100	flakes	Europe
PEG-180	LIPOXOL 8000	100	flakes	Europe
	LIPOXOL 8000 MED	100	flakes	Europe

The LIPOXOL MED-grades comply with the demands of the pharmacopoeia Ph. Eur. and USP/NF



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