

Gastafac- Ethoxylated Fatty Acids

Nonionic oil in water emulsifiers offering a wide range of high HLB and physical form. Common uses are as emulsifiers / solubilizers, thickeners and viscosity boosters and as wetting agents.

FCI Name	INCI Name	CAS Number	HLB
Gastafac ML-5	PEG-5 LAURATE	9004-81-3	9.3
Gastafac ML-9	PEG-9 LAURATE	9004-81-3	13.0
Gastafac ML-14	PEG-14 LAURATE	9004-81-3	14.6
Gastafac M0 -5	PEG-5 OLEATE	9004-96-0	8.2
Gastafac MO-7	PEG-7 OLEATE	9004-96-0	8.5
Gastafac M0 -9	PEG-9 OLEATE	9004-96-0	10.5
Gastafac M0 -14	PEG-14 OLEATE	9004-96-0	11.0
Gastafac MS-7	PEG-7 STEARATE	9004-99-3	10.3
Gastafac MS-8	PEG 8 STEARATE	9004-99-3	11.7
Gastafac MS-9	PEG-9 STEARATE	9004-99-3	12.0
Gastafac MS-14	PEG-14 STEARATE	9004-99-3	13.5
Gastafac MS-23	PEG-23 STEARATE	9004-99-3	14.6
Gastafac MS-40	PEG-40 STEARATE	9004-99-3	16.9
Gastafac MS-150	PEG-150 STEARATE	9004-99-3	18.4
Gastafac PEL-7	PEG-7 PELARGONATE	31621-91-7	12.8
Gastafac PEL-9	PEG-9 PELAAGONATE	31621-91-7	13.9
Gastafac T0 -5	PEG-5 TALLATE	61791-00-2	8.3
Gastafac TO-7	PEG-7 TALLATE	61791-00-2	9.4
Gastafac T0-14	PEG-14 TALLATE	61791-00-2	13.2
Gastafac T0-16 LAT	PEG-16 TALLATE	61791-00-2	13.5
Gastal DA-4	ISODECETH-4	61827-42-7	10.5
Gastal DA-6	ISODECETH-6	61827-42-7	12.4
Gastal DA-9	ISODECETH-9	61827-42-7	14.3
Gastal TDA-3	ISOTRIDEETH-3	24938-91-8	8
Gastal TDA-6	ISOTRIDEETH-6	24938-91-8	11.4
Gastal TDA-8	ISOTRIDEETH-8	24938-91-8	12.7
Gastal TDA-9	ISOTRIDEETH-9	24938-91-8	13
Gastal TDA-12	ISOTRIDEETH-12	24938-91-8	14.5
Gastal TDA-1290	ISOTRIDEETH -12	24938-91-8	14.5
Gastal CAL-2	CETETH -2	9004-95-9	5.3
Gastal CAL-20	CETETH-20	9004-95-9	15.7
Gastal CSA-10	CETEARETH -10	68439-49-6	12.5
Gastal CSA-20	CETEARETH-20	68439-49-6	15.4
Gastal CSA-50	CETEARETH-50	68439-49-6	17.8
Gastal CSA-80	CETEARETH-80	68439-49-6	18.6
Gastal CSA-200	CETEARETH-200	68439-49-6	19.4
Gastal OAL-2	OLETH-2	68920-66-1	4.9
Gastal OAL-5	OLETH-5	68920-66-1	9.5
Gastal OAL-10	OLETH-10	68920-66-1	12.4
Gastal OAL-20	OLETH-20	68920-66-1	15.3

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FCI Name	INCI Name	CAS Number	HLB
Gastal OAL-23	OLETH-23	68920-66-1	15.8
Gastal OAL-2370	OLETH-23	68920-66-1	15.8
Gastal SAL-2	STEARETH-2	9005-00-9	4.9
Gastal SAL-20	STEARETH-20	9005-00-9	15.3
Gastal SAL-721	STEARETH-21	9005-00-9	15.5
Gastal SAL-100	STEARETH-100	9005-00-9	18.8
Gastal SAL-200	STEARETH-200	9005-00-9	19.0
Gastal LA-3	LAURETH-3	68551-12-2	8
Gastal LA-4	LAURETH-4	68551-12-2	9.7
Gastal LA-5	LAURETH-5	68551-12-2	10.8
Gastal LA-7	LAURETH-7	68551-12-2	12.2
Gastal LA-9	LAURETH-9	68551-12-2	13.3
Gastal LA-23	LAURETH-23	68551-12-2	16.9
Gastal LA-30	LAURETH-30	68551-12-2	18
Gastal LA-50	LAURETH-50	68551-12-2	21
Gastal LA-5070	LAURETH-50	68551-12-2	21

Gastal- Ethoxylated Synthetic Alcohols

Nonionic water in oil emulsifiers offering a wide range of low HLB and physical form. Common uses are as emulsifiers / solubilizers, thickeners and viscosity boosters and as wetting agents.

FCI Name	INCi Name	CAS Number	HLB
Gastal 91-2.5	C9-11 Pareth-2.5	68439-46-3	8.5
Gastal 91-6	C9-11 Pareth-6	68439-46-3	12.4
Gastal 91-8	C9-11 Pareth-8	68439-46-3	13.9
Gastal 11-3	Undeceth-3	34398-01-1	8.7
Gastal 11-5	Undeceth-5	34398-01-1	11.2
Gastal 11-7	Undeceth-7	34398-01-1	12.9
Gastal 11-9	Undeceth-9	34398-01-1	13.9
Gastal 23-6.5	C12-13 Pareth-6.5	66455-14-9	12
Gastal 25-3	C12-15 Pareth-3	68131-39-5	7.5
Gastal 25-7	C12-15 Pareth-7	68131-39-5	12.3
Gastal 25-9	C12-15 Pareth-9	68131-39-5	13.1
Gastal 25-12	C12-15 Pareth-12	68131-39-5	14.4
Gastal 600	Proprietary Blend		10.7
Gastal 900	Proprietary Blend		13.1
Gastal 901	Proprietary Blend		12.1

**Gastal - Blocked and Random EO/PO
 Polymers**

FCI Name	INCI Name	CAS Number	HLB
Gastal L-61	POLOXAMER 181	9003-11-6	3
Gastal L-62	POLOXAMER 182	9003-11-6	7
Gastal L-64	POLOXAMER 184	9003-11-6	15
Gastal F-68	POLOXAMER 188	9003-11-6	29
Gastal F-108	POLOXAMER 338	9003-11-6	27
Gastal F-127	POLOXAMER 407	9003-11-6	22

Gastalk- Alkyl Phenol Ethoxylates:

These materials are extremely efficient non-ionic surfactants and wetting agents. They are very good solubilizers of fragrances and active materials and improve the flash foam performance of anionic surfactants.

FCI Name	INCI Name	CAS Number	HLB
Gastalk NP-4	NONOXYNOL-4	127087-87-0	8.9
Gastalk NP-6	NONOXYNOL-6	127087-87-0	10.9
Gastalk NP-9	NONOXYNOL-9	127087-87-0	12.9
Gastalk NP-10	NONOX YNOL-10	127087-87-0	13.4
Gastalk NP-20	NONOXYNOL-20	127087-87-0	16
Gastalk NP-30	NONOXYNOL-30	127087-87-0	17.5
Gastalk OP-5	OCTOXYNOL-5	9036-19-5	10.5
Gastalk OP-9	OCTOXYNOL-9	9036-19-5	13.2
Gastalk OP-10	OCTOXYNOL-10	9036-19-5	14.0
Gastalk OP-4070	OCTOXYNOL-4070	9036-19-5	

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Gastamine - Ethoxylated Aliphatic Amines

These materials are extremely efficient non-ionic to cationic surfactants and wetting agents depending on the level of ethoxylation and pH.

FCI Name	INCI Name	CAS Number	HLB
Gastamine CAM-2	PEG-2 COCAMINE	61791-14-8	6.0
Gastamine CAM-5	PEG-5 COCAMINE	61791-14-8	10.3
Gastamine CAM15	PEG-15 COCAMINE	61791-14-8	15.2
Gastamine TAM-2	PEG-2 TALLOW AMINE	61791-26-2	4.2
Gastamine TAM-5	PEG-5 TALLOW AMINE	61791-26-2	8.8
Gastamine TAM-15	PEG-15 TALLOW AMINE	61791-26-2	14.3
Gastamine TAM-4080	PEG-40 TALLOW AMINE	61791-26-2	17.4
Gastamine OAM-3080	PEG-30 OLEAMINE		16.6

Gastamulse-Fatty Alcohol and Ethoxylated Alcohol Blends

Nonionic self-emulsifying wax blends. Common uses are as emulsifiers, thickeners and viscosity boosters these self-emulsifying waxes improve emulsion stability and are not dependent on the pH of the emulsion. Perfectly suited for cationic and low pH formulations.

FCI Name	INCI Name	HLB
Gastamulse CS20D	CETEARYL ALCOHOL and CETEARETH-20	11.0
Gastawax G	STEARYL ALCOHOL and CETEARETH-20	10.8
Gastamulse ARC-165	GLYCERYL STEARATE and PEG-100 STEARATE	11.0

Gastapeg- Liquid and Solid Polyethylene Glycols

Short to long chain Glycols useful as humectants, feel modifiers and viscosity builders.

FCI Name	INCI Name
Gastapeg 200	PEG-4
Gastapeg 300	PEG-6
Gastapeg 400	PEG-8
Gastapeg 600	PEG-12
Gastapeg 800	PEG-16
Gastapeg 1000	PEG-20
Gastapeg 1450	PEG-32
Gastapeg 2000	PEG-40
Gastapeg 3350	PEG-75
Gastapeg 4000	PEG-90
Gastapeg 8000	PEG-180

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Gastor- Ethoxylated Castor Oil Derivatives

Nonionic emulsifiers offering a wide range of HLB. Common uses are as emulsifiers, solubilizers and conditioning agents for both skin and hair.

FCI Name	INCI Name	CAS Number	HLB
Gastor C0-5	PEG-5 CASTOR OIL	61791-12-6	4.5
Gastor C0-16	PEG-16 CASTOR OIL	61791-12-6	8.9
Gastor C0 -25	PEG-25 CASTOR OIL	61791-12-6	10.8
Gastor C0-30	PEG-30 CASTOR OIL	61791-12-6	11.7
Gastor C0-36	PEG-36 CASTOR OIL	61791-12-6	12.5
Gastor C0-40	PEG-40 CASTOR OIL	61791-12-6	13
Gastor C0-200	PEG-200 CASTOR OIL	61791- 12-6	18.1
Gastor C0-200(50)	PEG-200 CASTOR OIL AND WATER	61791-12-6	18.1
Gastor HC0-5	PEG 5 HYDROGENATED CASTOR OIL	61788-85-0	3.8
Gastor HC0-16	PEG-16 HYDROGENATED CASTOR OIL	61788-85-0	8.5
Gastor HC0-25	PEG-25 HYDROGENATED CASTOR OIL	61788-85-0	10.8
Gastor HC0-40	PEG-40 HYDROGENATED CASTOR OIL	61788-85-0	14.1
Gastor HC0-50	PEG-50 HYDROGENATED CASTOR OIL	61788-85-0	18.1

Poetrig- Ethoxylated Glycerin

Water soluble humectants for both hair and skin care products.

FCI Name	INCI Name	CAS Number	HLB
Poetrig G-7	GLYCERETH-7	31694-55-0	15.4
Poetrig G-26	GLYCERETH-26	31694-55-0	18.0

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Gastasorb - Sorbitan Esters

Nonionic water in oil emulsifiers offering a wide range of low HLB and physical form. Common uses are as emulsifiers and viscosity boosters.

FCI Name	INCI Name	CAS Number	HLB
Gastasorb 20	Sorbitan Monolaurate	1338-39-2	7.9
Gastasorb 60	Sorbitan Monostearate	1338-41-6	4.7
Gastasorb 65	Sorbitan Tristearate	26658-19-5	2.1
Gastasorb 80	Sorbitan Monooleate	1338-43-8	4.3
Gastasorb 83	Sorbitan Sesquioleate	8007-43-0	3.7
Gastasorb 85	Sorbitan Trioleate	26266-58-0	1.8

Poegasorb- Ethoxylated Sorbitan Esters (Polysorbates)

Nonionic oil in water emulsifiers offering a wide range of high HLB and physical form. Common uses are as emulsifiers and viscosity boosters. When blended with Gastasorb esters, in a high HLB / low HLB emulsifier blend, very stable emulsions, and micro-emulsions, can be formed.

FCI Name	INCI Name	CAS Number	HLB
Poegasorb 20	POLYSORBATE 20	9005-64-5	16.7
Poegasorb 60	POLYSORBATE 60	9005-67-8	14.9
Poegasorb 65	POLYSORBATE 65	9005-71-4	10.5
Poegasorb 80	POLYSORBATE 80	9005-65-6	15.0
Poegasorb 81	POLYSORBATE 81	9005-65-6	10.0
Poegasorb 85	POLYSORBATE 85	9005-70-3	11.0
Poegasorb SML-80	PEG 80 SORBITAN LAURATE	9005-64-5	19.4

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Gester- Fatty Acid Esters

A wide range of fatty acid esters, fatty alcohol esters and triglycerides suitable for use in personal care formulations, providing emolliency, lubricity and improving the feel and functionality of personal care products.

FCI NAME	INCI NAME	COMMENTS
Gester GM0-42	GLYCERYL OLEATE	42% MONO GLYCERIDE CONTENT
GesterGM0-52	GLYCERYL OLEATE	52% MONO GLYCERIDE CONTENT
Gester GM0-90 LG	GLYCERYL OLEATE	HIGH PURITY 90% MONO GLYCERIDE
Gester GMS-42	GLYCERYLSTEARATE	42% MONO GLYCERIDE CONTENT
Gester NBS-K	N-BUTYL STEARATE	K=KOSHER
Gester OP	ETHYL HEXYL PALMITATE	
Gester OS	OCTYL STEARATE	
Gester IPP	ISOPROPYL PALMITATE	
Gester 1PM	ISOPROPYL MYRISTATE	
Gester IBT	ISOBUTYL TALLATE	
Gester NBS	N-BUTYL STEARATE	
Gester EHS	ETHYLHEXYLSTEARATE	
Gester TDS	TRIDECYL STEARATE	
Gester TRI-810	CAPRYLIC/CAPRIC TRIGLYCERIDE	
Gester CS	CETYL STEARATE	
Gester SS	STEARYLSTEARATE	
Gester MM	MYRISTAL MYRISTATE	

Propoxylated Fatty Alcohol

FCI Name	INCI Name	CAS Number	HLB
Gastal SPA-11	PPG-11 STEARYL ETHER	25231-21-4	4
Gastal SPA-15	PPG-15 STEARYLETHER	25231-21-4	7

