

Fatty Alcohol Ethoxylates

Chemical Description	INCI Name	Physical Form	Cloud Point (°C)	HLB	Application
Lauryl (C12-C14) Alcohol Ethoxylates	LAURETH-3	Liquid	56-66	8-9	<ul style="list-style-type: none"> • Used as important components of liquid detergent. <ul style="list-style-type: none"> • Used as emulsifiers. • Possible use in textiles
	LAURETH-5		66-76	10-11	
	LAURETH-7		55-65	12-13	
	LAURETH-9		75-85	13-14	
Cetearyl (C16-C18) Alcohol Ethoxylates	CETEARETH-6	Paste	-	10-11	<ul style="list-style-type: none"> • W/O emulsifier with excellent solubility in oils.
	CETEARETH-15		70-74	14-15	
	CETEARETH-20	Solid Flakes	85-90	15-16	<ul style="list-style-type: none"> • O/W emulsifiers with good water solubility.
	CETEARETH-25		88-95	16-17	
	CETEARETH-30		91-94	16-17	

Synthetic Alcohol Ethoxylates

Chemical Description	INCI Name	Physical Form	Cloud Point (°C)	HLB	Application
Isooctyl (branched C8 Alcohol) Ethoxylates		Liquid	52-58	10-11	<ul style="list-style-type: none"> The products promote the infiltration/permeation of other chemicals into leather. Used for various processes in leather industry.
			72-82	13-14	
			63-67	14-15	
			77-84	16-17	<ul style="list-style-type: none"> Detergent in industrial cleaning and home care applications.
Isotridecyl (branched C 13 Alcohol) Ethoxylates	Isotrideceth-3	Liquid	50-54	8-9	<ul style="list-style-type: none"> Used as dispersants, wetting agents, and emulsifiers. Without benzene ring structure, it is a good alternative for NP products in textile and detergents. Excellent emulsifying property for silicone products, can be used for various home care products.
	Isotrideceth-5		65-69	10-11	
	Isotrideceth-6		69-72	11-12	
	Isotrideceth-7		72-76	12-13	
	Isotrideceth-8		75-78	13-14	
	Isotrideceth-9		78-82	13-14	

EO/PO BLOCK COPOLYMERS

Chemical Description	INCI Name	Physical Form	Cloud Point (°C)	HLB	Application	
Propyleneglycol initiated EO/PO block copolymers		Liquid	45-55	16	• Good detergency, used as high temperature foam control agent.	
	POLOXAMER 181		15-19	3	• Low foam, good solubility in water and high chemical stability. • Used for hard surface cleaning and automatic dishwasher.	
	POLOXAMER 181		20-25	3		
	POLOXAMER 182		21-26	7		
	POLOXAMER 184		57-61	15	• Used as high temperature foam control and as dispersing/emulsifying agent.	
	POLOXAMER 185		50-60			
	POLOXAMER 188	Flakes/ Powder	85-90	30	• Used as slow temperature foam control agent.	
	POLOXAMER 338	Flakes	45,3			
		Liquid	32-40	2		• Used for food and beverage processing and in food service and kitchen hygiene applications.
			15-20	2		
	70-80			• Used as emulsifier with excellent O/W emulsion stability, wetting and dispersing properties.		
Ethyleneglycol initiated reverse EO/PO block copolymers		Liquid	30-34	12	• Used as defoamer in detergents and cleaning agents.	
			28-34			
			45-52	6		
Long Chain/alcohol EO/PO copolymers		Liquid	2-6	4	• Fast penetration and good wetting, low foam with good biodegradability.	

Polyethylene Glycols (PEGs)

Chemical Description	INCI Name	Physical Form	Molecular weight (g/mol)	HLB	Application
Polyethylene Glycol	PEG-8	Liquid	400	20	<ul style="list-style-type: none"> • Used as inorganic salt solubilizer and viscosity regulator. <ul style="list-style-type: none"> • Used as plasticizers and mold release agents. • Used as antistatic agents and conditioners in leather and vinyl care.
	PEG-12		600		
	PEG-20	Paste	1000		
	PEG-32		1500		
	PEG-40	Solid Flakes	2000		<ul style="list-style-type: none"> • Used as lubricant. • Used as plasticizers and mold release agents. Used as ink and dye carriers.
	PEG-90		4000		
	PEG-135		6000		
	PEG-180		8000		
	PEG-200		9000		
	PEG-226		10000		
PEG-344	20000				
				<ul style="list-style-type: none"> • Used as substrate for solid cleaning products and washing powder. • Useful for adjusting the pour point of washing products. • Used to adjust the viscosity as well as melting point of the products. <ul style="list-style-type: none"> • Used as thickening agent. 	