



Chemistry Drives Performance



# COSMETICS & PHARMA

*SPECIALITY SOLUTIONS*

**LAKELAND CHEMICALS (INDIA) LTD.**



Chemistry Drives Performance

# about us

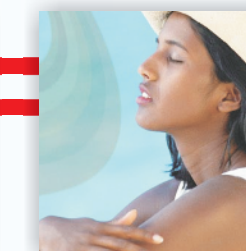
Lakeland Chemicals (India) Ltd., is a partially owned subsidiary of Lakeland Laboratories Ltd., Manchester, England. It is among the leading surfactant manufacturers of Europe represented in over twenty countries globally.

Lakeland Laboratories Ltd., is renowned for manufacturing eco friendly, biodegradable and non-toxic surfactants like Esters, Amphoterics, Imidazolines, and Wax Emulsion. Lakeland Chemicals (India) Ltd., manufactures the entire range of Lakeland laboratory Ltd. surfactants in India at their manufacturing facility near Mumbai. In addition, Ethoxylates and Propoxylates are also manufactured at the same facility. The plant is fully equipped with the state-of-the-art manufacturing equipment combined with testing facilities. The products are manufactured with technology obtained from the parent company.

Lakeland surfactants are designed for use in a wide variety of industries like Textiles, Explosives, Cosmetics & Pharma, Food Processing, Paints & Pigments, Motor Lubricants and Oil Refining. Lakeland Chemicals provides application information with formulation assistance and aims to provide its customers VALUE AND SATISFACTION in products and service.



PRODUCT	CAS NO	INCI NAME	PHYSICAL STATE AT 30° C	HLB VALUE	SOLUBILITY IN WATER AT 30° C	APPLICATION	SPECIAL FEATURES	
<b>HAIR CARE</b>	LAKTONE SB	N.A.	Sodium Laureth Sulfate (and) Cocamide MEA (and) Cocamidopropyl Betaine	Liquid	N.A.	Soluble	Ready Shampoo Base Concentrate	Ready to use Shampoo Base concentrate, to be diluted 1:1 with water for formulating a clear shampoo. Color, perfume, actives and preservatives can be added. A liquid pearlising agent can be cold blended.
	LAKTONE PRL	N.A.	Sodium Laureth Sulfate (and) Cocamide MEA (and) Glycol Distearate	Paste	N.A.	Dispersible	Pearlising Agent	Imparts aesthetic appeal, provides Pearlescent effect in Shampoos, Shower gels, Face Washes and Liquid Hand Soaps. Suitable for cold blending operations also.
	LAKTONE EGMS	111-60-4	Glycol Stearate	Waxy Flakes	3.5	Insoluble	Opacifying Agent	Opacifying and Pearlising agent for Shampoos, Shower gels, Face Washes and Liquid Hand Soaps.
	LAKTONE CMEA	68140-00-1	Cocamide MEA	Solid	N.A.	Soluble	Foam Booster	Foam Booster and Viscosity Builder in Shampoos, Shower Gels, Face Washes and Liquid Hand Soaps. Provides rich and stable foam in rinse-off formulations.
	LAKTONE CAPB	61789-40-0	Cocamidopropyl Betaine	Liquid	N.A.	Soluble	Conditioner	Mild amphoteric surfactant used as a conditioner for skin and hair and as a foam builder in Shampoos, Shower Gels, Face Washes and Liquid Hand Soaps.
	LAKPOL 821	9005-08-7	PEG-150 Distearate	Flakes	N.A.	Dispersible	Thickener	Thickener for personal wash formulations like Shampoos and Liquid Soaps. Suitable to thicken salt-free shampoos.
	LAKPOL CS	N.A.	Cetareth - 5	Waxy Solid	11	Soluble	Emulsifier	Emulsifier for opaque cosmetic formulations including soft creams like Hair Styling Creams. Suitable for formulating Cleansing Milks.
<b>SOLUBILISERS</b>	LAKPOL PS 20	9005-64-5	Polysorbate 20	Liquid	16-17	Soluble	Solubiliser	Well known solubiliser for perfumes and essential oils. Also used for flavour solubilisation. Used in transparent gel formulations also.
	LAKTONE RH 40	61788-85-0	PEG - 40 Hydrogenated Castor oil	Liquid	16	Soluble	Solubiliser	Solubiliser for hydrophobic actives, vitamins, perfumes, flavours and essential oils. Has almost no taste or odour.
<b>PHARMA QUALITY EXCIPIENTS</b>	LAKPOL PS 80	9005-65-6	Polysorbate 80	Liquid	15	Soluble	Solubiliser	Solubiliser for pharma actives and vitamins, used in liquid orals and topicals. Also used in emulsions and oleoresin stabilisation.
	LAKTONE CSA 1000	9004-95-9	Cetareth-20	Flakes	15.8	Soluble	Low irritation Emulsifier	Has low levels of skin irritation, therefore suitable for use in pharma topical creams and oil-in-water emulsions. Has wide pH tolerance. Emulsifies non-polar oils.
	LAKTONE EW	N.A.	Cetearyl alcohol (and) Cetareth-20	Flakes	N.A.	Dispersible	Emulsifying Wax	General purpose Non-Ionic Emulsifying Wax used in pharmaceutical and cosmetic creams with a heavy oil phase. Can be combined with Lakcel 561 for better stability.
	LAKPOL SA 52	9004-99-3	PEG-40 Stearate	Flakes	16	Soluble	Actives Emulsifier	Inert, polar emulsifier for actives for ointments and skin care pharma preparations. Can be combined with Laktone GMS or SMS 60 for enhanced stability.
	LAKTONE GMS	123-94-4	Glyceryl Stearate	Flakes	2.8	Dispersible	Water-in-oil Emulsifier	Standard low HLB surfactant for pharma and cosmetic water-in-oil emulsions. Used as a co-emulsifier in oil-in-water creams with a high HLB primary emulsifier.
	LAKPOL PG 400	25322-68-3	PEG-8	Liquid	N.A.	Soluble	Pharma formulations	Used in liquid orals. Inert skin feel makes it suitable for ointments.
	LAKPOL PG 4000	25322-68-3	PEG-90	Flakes	N.A.	Soluble	Pharma formulations	Tablet Binder, Tablet Coating. Inert skin feel makes it suitable for ointments.
	LAKPOL PG 6000	25322-68-3	PEG-150	Flakes	N.A.	Soluble	Pharma formulations	Tablet Binder, Tablet Coating. Inert skin feel makes it suitable for ointments.



**SKIN CARE  
EMULSIFIERS**

PRODUCT	CAS NO	INCI NAME	PHYSICAL STATE AT 30° C	HLB VALUE	SOLUBILITY IN WATER AT 30° C	APPLICATION	SPECIAL FEATURES
LAKCEL 561	N.A.	Glyceryl Stearate & PEG-100 Stearate	Flakes	11.5	Soluble	Primary Emulsifier	Single, Universal, Primary emulsifier for creams and lotions. Multipurpose all-round emulsifier for creams rich in non-polar oil phases.
LAKPOL 127	9005-00-9	Steareth - 21	Flakes	15.6	Soluble	Primary Emulsifier	Powerful High-HLB emulsifier for all types of creams and lotions. Combination with Lakpol 72 and Lakmol E75 provides a high-moisturizing liquid-crystal formulation.
LAKPOL 72	9005-00-9	Steareth - 2	Solid	5	Dispersible	Co-emulsifier	Used in combination with Lakpol 127 to emulsify polar and non-polar oil phases to produce stable creams and lotions.
LAKPOL SA 100	9004-99-3	PEG-100 Stearate	Flakes	18	Soluble	Primary Emulsifier	Very high HLB mild and premium emulsifier for rich-feel creams and lotions for pharma and cosmetic formulations, especially when actives are incorporated.
LAKPOL PS 40	9005-66-7	Polysorbate 40	Liquid	15.6	Soluble	Primary Emulsifier	Emulsifier for pharmaceutical and cosmetic formulations, used in combination with SML-20 for best stability.
LAKPOL PS 60	9005-67-8	Polysorbate 60	Liquid	15	Soluble	Primary Emulsifier	Emulsifier for creams and lotions, suitable for veg oil emulsions and silicone-based antacid suspensions. Can be used in combination with SMS-60 as the co-emulsifier.
SML 20	1338-39-2	Sorbitan Laurate	Liquid	8.7	Dispersible	Co-emulsifier	Mild co-emulsifier for pharma and cosmetic creams, used with Lakpol PS 20. Suitable for liquid orals and topicals also. Stabilises veg oil emulsions.
SMP 40	26266-57-9	Sorbitan Palmitate	Flakes	6.7	Dispersible	Co-emulsifier	Mild co-emulsifier for various pharma and cosmetic creams, used with Lakpol PS 40.
SMS 60	1338-41-6	Sorbitan Stearate	Flakes	4	Dispersible	Co-emulsifier	Excellent co-emulsifier for creams based on veg oils and silicone oils, used along with a high HLB emulsifier like Lakpol PS 60 or Lakpol SA 100.
SMO 70	1338-43-8	Sorbitan Oleate	Liquid	4.3	Dispersible	Co-emulsifier	Co-emulsifier for o/w systems, Emulsifier for w/o emulsions. Coupling agent for immiscible oil phases. Suitable for Hair Oils and Oleoresin formulations.

**SKIN CARE  
EMOLLIENTS**

LAKMOL IPM	110-27-0	Isopropyl Myristate	Liquid	N.A.	Insoluble	Emollient	Standard emollient for cosmetic creams and lotions. Also used in hair oils as a non-sticky component. Used as a coupling agent in perfume-ethanol blends.
LAKMOL E 75	25231-21-4	PPG-15 Stearyl Ether	Liquid	N.A.	Insoluble	Emollient	Premium polar emollient for skin care formulations. Outstanding skin feel. Also used in Hair Care formulations. Coupling agent in perfumery blends.
LAKMOL MCTG	65381-09-1	Caprylic / Capric Triglyceride	Liquid	N.A.	Insoluble	Emollient	Emollient lighter than vegetable oils. Has good spreading properties and no odour.

**TOILETRIES**

LAKPOL 35	9002-92-0	Laureth - 23	Liquid / Paste	16	Soluble	Shave preparations	Foam booster for shave creams and shave gels. Emulsifier with wide pH tolerance, suitable for acidic Bleach creams and other skin care creams.
LAKPOL B 98	9004-98-2	Oleth - 20	Waxy Solid	16	Soluble	Shave preparations	Foam stabiliser in shave creams and shave gels. Emulsifier for veg oils emulsions. Used in creams and transparent bath products.





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