

# Raw materials for the cosmetics industry

## LOW POLAR ESTER

Product name / INCI name	Physical Form		Properties / Applications		Solubility / <Ins.>Insoluble	
	Viscosity	Refractive Index	Specific Gravity	CAS Number	EC Number	JAPAN Number
1. SALACOS 99  ISONONYL ISONONANOATE	☺ Colorless, odorless or slightly characteristic odor liquid		Non-oily and silky touch emollient ester. Silicone oil/gum solubilizer. Recommended for creams, milk lotions, foundations, oil based facial cleansers, sunscreens.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Silicone gums, Ethanol Ins. Water	
	7	1.436	0.856	59219-71-5 42131-25-9	261-665-2	503013
2. SALACOS 913  ISOTRIDECYL ISONONANOATE (OR) TRIDECYL ISONONANOATE	☺ Colorless or light yellow and slightly characteristic odor liquid		Non-oily, nearly dry emollient ester. Silicone oil solubilizer. Recommended for creams, milk lotions, lipsticks, foundations, oil based facial cleansers, sunscreens.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Silicone gums, Ethanol Ins. Water	
	11	1.445	0.862	42131-27-1 59231-37-7	255-673-5 261-675-7	503012
3. SALACOS P-8  ETHYLHEXYL PALMITATE	☺ Colorless or light yellow and slightly characteristic odor liquid		Non-oily emollient ester. Similar texture to Cetyl Ethylhexanoate. Recommended for hair treatments, oil based facial cleansers, sunscreens, hair styling products.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Ethanol Ins. Water	
	13	1.446	0.858	29806-73-3	249-862-1	540074
4. SALACOS 816T  CETYL ETHYLHEXANOATE	☺ Colorless or pale yellow and odorless or slightly characteristic odor liquid		Non-oily emollient ester. Recommended for creams, milk lotions, lipsticks, hair treatments, oil based facial cleansers, sunscreens.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Ethanol Ins. Water	
	14	1.444	0.856	59130-69-7	261-619-1	520159
5. COSMOL 525 (SALACOS 525)  NEOPENTYL GLYCOL DIETHYLHEXANOATE	☺ Colorless or pale yellow and odorless or slightly characteristic odor liquid		High oxidative stability. Light emollient ester. Recommended for creams, milk lotions, foundations, eye shadows.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Silicone gums, Ethanol Ins. Water	
	14	1.434	0.916	28510-23-8 31335-74-7	249-060-1 250-575-9	540042
6. ESTEMOL N-01  NEOPENTYL GLYCOL DICAPRATE	☺ Colorless, odorless or almost odorless liquid		Light and safe emollient ester. Recommended for creams, milk lotions, lipsticks, sunscreens.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Ethanol Ins. Water	
	19	1.445	0.909	27841-06-1	248-688-3	502070
7. T.I.O  TRIETHYLHEXANOIN	☺ Colorless or pale yellow and slightly characteristic odor liquid		Non-greasy feel. Superior in oxidative stability. Excellent low-temperature stability. (Freezing point ≤-30°C) Recommended for creams, milk lotions, lipsticks, hair treatments, oil based facial cleansers, sunscreens.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Ethanol Ins. Water	
	30	1.445	0.953	7360-38-5	230-896-0	520818
8. O.D.O  CAPRYLIC/CAPRIC TRIGLYCERIDE	☺ Colorless or light yellow and odorless or almost odorless liquid		Medium-chain triglyceride (MCT). Non-greasy feel. Superior in oxidative stability. All raw materials are vegetable-origin. Recommended for creams, milk lotions, lipsticks, hair treatments, oil based facial cleansers, sunscreens.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Ethanol Ins. Water	
	23	1.447	0.950	65381-09-1 73398-61-5 85409-09-2	265-724-3 277-452-2 287-075-5	540066
9. SALACOS 3318  TRIIOSOSTEARIN	☺ Light yellow and slightly characteristic odor liquid		High viscosity, good adhesiveness, good glossiness. Recommended for lipsticks, lip glosses.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Ethanol Ins. Water	
	13,890	1.458	0.905	26942-95-0	248-122-5	-
10. SALACOS 6318V  TRIMETHYLOLPROPANE TRIIOSOSTEARATE	☺ Colorless or yellow and slightly characteristic odor liquid		Non-greasy feel. High refractive index. Slow spreading emollient esters. It contains tocopherol approx. 200ppm. Recommended for creams, lipsticks, foundations.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil Ins. Water, Ethanol	
	257	1.466	0.916	68541-50-4	271-347-5	503098
11. SALACOS 5408  PENTAERYTHRITYL TETRAETHYLHEXANOATE	☺ Colorless or pale yellow and slightly characteristic odor liquid		Superior in oxidative stability and emollient esters. Leave a rich feel. Recommended for creams, milk lotions, lipsticks, hair treatments, hair styling products, sunscreens.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Ethanol Ins. Water	
	124	1.450	0.960	3008-50-2 7299-99-2	221-123-8 230-743-8	540058
12. SALACOS 5418V  PENTAERYTHRITYL TETRAIISOSTEARATE	☺ Light yellow and odorless or almost odorless liquid		Non-greasy feel and slow spreading emollient esters. High refractive index. High stability to heat. Recommended for creams, milk lotions, lip glosses.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil Ins. Water, Ethanol	
	420	1.467	0.918	62125-22-8	263-423-1	540060
13. COSMOL 44V (SALACOS 44V)  POLYGLYCERYL-2 TETRAIISOSTEARATE	☺ ECO Yellow and slightly characteristic odor liquid		Non-greasy feel and slow spreading emollient esters. High refractive index. All raw materials are vegetable-origin. Recommended for creams, lipsticks, lip glosses, foundations.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil Ins. Water, Ethanol	
	369	1.466	0.926	73296-86-3 121440-30-0	277-361-8	540059
14. SALACOS PR-85  PROPANEDIOL DICAPRYLATE/CAPRATE	☺ ECO Colorless or light yellow and odorless or slightly characteristic odor liquid		Excellent cleansing ability. All raw materials are vegetable-origin. Good hydrolysis-resistance. (cf. CAPRYLIC/CAPRIC TRIGLYCERIDE) Recommended for creams, milk lotions, lipsticks, foundations, hair treatments, oil based facial cleansers.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Ethanol Ins. Water	
	12	1.442	0.929	1072005-10-7	-	-
15. SALACOS PR-17  PROPANEDIOL DIISOSTEARATE	☺ ECO Colorless or light yellow and odorless or slightly characteristic odor liquid		Smooth and moist texture like Macadamia nuts oil. Good hydrolysis-resistance. (cf. CAPRYLIC/CAPRIC TRIGLYCERIDE) All raw materials are vegetable-origin. Recommended for creams, foundations, hair treatments.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil Ins. Water, Ethanol	
	79	1.461	0.905	1110686-34-4	-	-
16. SALACOS HG-8  POLYGLYCERYL-6 OCTACAPRYLATE	☺ ECO Colorless or brown and odorless or slightly characteristic odor liquid		Easy to make stable emulsion because of distinctive specific gravity (≒1). All raw materials are vegetable-origin. It contains tocopherol approx. 100ppm. Recommended for creams, milk lotions, lipsticks.		Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Ethanol Ins. Water	
	196	1.456	0.997	108777-93-1	-	004409

☺ : vegetable source of all raw material  
 ☺ : non-animal source of all raw material  
 ECO : ECOCERT registered Raw Material

A physical-properties value is a representation value.  
 Viscosity : @20°CmPa-s  
 Refractive Index : @25°C  
 Specific Gravity : @20°C

Soluble condition :  
 Heat the sample and solvent in the ratio 1 : 1,  
 measured after 24hr, @25°C.  
 (T.I.O for Low polar ester and COSMOL 222(SALACOS 222) for High polar)

## HIGH POLAR ESTER

Product name / INCI name		Physical Form		Properties / Applications		Solubility / <Ins.>Insoluble			
		Viscosity	Refractive Index	Specific Gravity	CAS Number	EC Number	JAPAN Number		
17. COSMOL 13 (SALACOS 13)  OCTYLDODECYL LACTATE	☺	Colorless or light yellow and odorless or almost odorless liquid	43	1.450	High polarity (dielectric constant: 4.24), with low viscosity. Smooth spread emolient ester. Recommended for creams, lipsticks, foundations.	0.898	57568-20-4 112385-10-1	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Ethanol  Ins. Water  REACH Applied	504266
18. COSMOL 222 (SALACOS 222)  DIISOSTEARYL MALATE	☺	Colorless or light yellow and odorless or slightly characteristic odor liquid	5,500	1.460	Widespread use as a pigment dispersant and binder. Excellent ability for preventing from sweating of lipsticks and oil based foundations. Substitute for Castor oil. Recommended for creams, milk lotions, lipsticks, lip glosses, eye shadows, oil based facial cleansers, hair treatments.	0.915	81230-05-9	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Ethanol  Ins. Water  REACH Applied	502172
19. COSMOL 41V (SALACOS 41V)  POLYGLYCERYL-2 ISOSTEARATE	☺ ECO	Light yellow or yellow and slightly characteristic odor liquid	6,540	1.470	Nonionic emulsifier. (HLB: approx. 8) All raw materials are vegetable-origin. Recommended for creams, lipsticks, oil based facial cleansers, cleansing foams.	0.987	73296-86-3 81752-33-2	Ethanol  Ins. Water  277-361-8 -	521134
20. COSMOL 42V (SALACOS 42V)  POLYGLYCERYL-2 DIISOSTEARATE	☺ ECO	Light yellow or yellow and slightly characteristic odor liquid	1,160	1.468	Nonionic emulsifier. (HLB: approx. 4) All raw materials are vegetable-origin. Recommended for creams, lipsticks, foundations, hair treatments.	0.955	67938-21-0 73296-86-3	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Ethanol  Ins. Water  267-821-6 277-361-8	520522
21. COSMOL 43V (SALACOS 43V)  POLYGLYCERYL-2 TRIISOSTEARATE	☺ ECO	Light yellow or yellow and slightly characteristic odor liquid	448	1.466	Excellent pigment dispersing ability. Excellent ability for preventing from sweating of lipsticks and oil based foundations. All raw materials are vegetable-origin. Recommended for creams, lipsticks, foundations.	0.935	73296-86-3 120486-24-0	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil  Ins. Water, Ethanol  277-361-8 -	503097
22. COSMOL 43N (SALACOS 43N)  POLYGLYCERYL-2 TRIISOSTEARATE	☺	Light yellow or yellow and odorless or almost odorless liquid	35,210	1.460	Very high viscosity, good adhesiveness ester. Recommended for creams, lip glosses.	0.923	73296-86-3 120486-24-0	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Ethanol  Ins. Water  277-361-8 -	-
23. SALACOS DT-318S  DITRIMETHYLOLPROPANE ISOSTEARATE/SEBACATE	☺	Colorless or light yellow and odorless or slightly characteristic odor liquid	2,380	1.471	High polarity (dielectric constant: 5.17) and excellent pigment dispersing ability. Recommended for lipsticks, foundations.	0.956	533910-00-8	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Ethanol  Ins. Water  -	-
24. SALACOS E-38  ERYTHRITYL TRIETHYLHEXANOATE	☺	Colorless or light yellow and odorless or slightly characteristic odor liquid	72	1.449	High polarity (dielectric constant: 4.84), with low viscosity. Smooth spread emolient ester. Recommended for lipsticks, foundations, sunscreens.	0.980	533928-79-9	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones, Ethanol  Ins. Water  -	-
25. SALACOS WO-6  DIPENTAERYTHRITYL TRI-POLYHYDROXYSTEARATE	☺	Colorless or brown and characteristic odor liquid	22,500	1.470	Superior in water-holding capability and waterproof film ability. Excellent pigment dispersing ability. Possible to make waterproof film with good adhesiveness. Recommended for creams, lip sticks, foundations, hair treatments, sunscreens.	0.935	855310-95-1	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil  Ins. Water, Ethanol  Polymer	-
26. NOMCORT TQ-5  TREHALOSE ISOSTEARATE ESTERS	☺	Colorless or brown and characteristic odor liquid	22,000	1.474	Excellent pigment dispersing ability. Makes W/O/W emulsion all in one step. All raw materials are vegetable-origin. It contains tocopherol approx. 200ppm. Recommended for milk lotion, lipsticks, foundations.	0.970	861436-89-7	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil  Ins. Water, Ethanol  -	-
27. SALACOS DP-518N  DIPENTAERYTHRITYL PENTAIISOSTEARATE	☺	Colorless or light yellow and odorless or slightly characteristic odor liquid	347,000	1.464	Extraordinary viscous liquid oil and similar texture to Hydrogenerated isopolybuten. Excellent pigment dispersing ability and high adherability. Recommended for creams, lipsticks, lip glosses.	-	861407-54-7	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Low viscosity silicones  Ins. Water, Ethanol  -	-
28. SALACOS EH  ETHYLHEXYL HYDROXYSTEARATE	☺	Light yellow or yellow and slightly characteristic odor liquid	105	1.457	High polarity (dielectric constant: 4.26), with low viscosity. Smooth spread emolient ester. Recommended for lipsticks, lip glosses, foundations, eye shadows, eye liners.	0.898	29383-26-4 29710-25-6	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Ethanol  Ins. Water  249-793-7	523168
29. SALACOS HS-6C  POLYHYDROXYSTEARIC ACID	☺	Light yellow brown and slightly characteristic odor liquid or petrolatum-like substance	4,230	1.466	Excellent dispersing agent for pigments. All raw materials are vegetable-origin. Recommended for foundations, sunscreens, cleansing foams.	0.924	27924-99-8 58128-22-6	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil  Ins. Water, Ethanol  500-140-7	532305

☺ : vegetable source of all raw material  
 ☺ : non-animal source of all raw material  
 ECO : ECOCERT registered Raw Material

A physical-properties value is a representation value.  
 Viscosity : @20°CmPa·s  
 Refractive Index : @25°C  
 Specific Gravity : @20°C

Soluble condition :  
 Heat the sample and solvent in the ratio 1 : 1,  
 measured after 24hr, @25°C.  
 (T.I.O for Low polar ester and COSMOL 222(SALACOS 222) for High polar)

**PASTE ESTER**

Product name / INCI name	Physical Form		Properties / Applications		Solubility / <Ins.>Insoluble	
	Melting Point		CAS Number		EC Number	JAPAN Number
30. SALACOS HS  CHOLESTERYL HYDROXYSTEARATE	—	Light yellow and slightly characteristic odor, and petrolatum-like or waxy substance  52°C, 125°F	Good water-holding capability. Substance similar to intercellular lipid. Recommended for creams, milk lotions, lipsticks, foundations, hair treatments, hair colors, bath salts.  40445-72-5	Low & High polar esters, Castor oil  Ins. Water  -	504298	
31. SALACOS FH  PHYTOSTERYL HYDROXYSTEARATE	☞	White or light yellow and slightly characteristic odor waxy substance  66°C, 150°F	Good water-holding capability. Substance similar to intercellular lipid. All raw materials are vegetable-origin. Recommended for creams, milk lotions, lipsticks, foundations.  742087-55-4	Ins. Water  -	-	
32. SALACOS PO(T)  PHYTOSTERYL OLEATE	☞	White or light yellow and slightly characteristic odor and liquid or petrolatum-like substance  33°C, 91°F	Superior in oxidative stability with raw material of high purity Oleic Acid. Good water-holding capability. Substance similar to intercellular lipid. All raw materials are vegetable-origin. It contains tocopherol approx. 1000ppm. Recommended for creams, milk lotions, lipsticks.  Mixture of 3712-16-1 31615-93-7 64144-49-6	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil  Ins. Water  -	523057	
33. COSMOL 168AR (SALACOS 168AR) 34. COSMOL 168ARV (SALACOS 168ARV)  DIPENTAERYTHRITYL HEXAHYDROXYSTEARATE/ HEXASTEARATE/HEXAROSINATE	— ☺	Light yellow or pale brown and odorless or slightly characteristic odor and petrolatum-like or waxy substance  35°C, 95°F 37°C, 98°F	Good water-holding capability and glossiness oil paste. Excellent hair conditioning ability. Substitute for Lanolin. Recommended for creams, milk lotions, lipsticks, foundations, hair treatments, hair styling products, eye shadows.  208126-52-7	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil  Ins. Water  REACH Applied	504174	
35. COSMOL 168EV (SALACOS 168EV)  DIPENTAERYTHRITYL TETRAHYDROXYSTEARATE/ TETRAISOSTEARATE	☺	Light yellow and odorless or almost odorless and petrolatum-like or waxy substance  50°C, 122°F	Good water-holding capability and smooth texture. Substitute for Lanolin. Recommended for creams, milk lotions, lipsticks, hair treatments.  208126-56-1	Ethanol  Ins. Water  430-160-0	508055	
36. COSMOL 168M (SALACOS 168M)  DIPENTAERYTHRITYL HEXAHYDROXYSTEARATE	☺	Light yellow and odorless or almost odorless and petrolatum-like or waxy substance  45°C, 113°F	Good water-holding capability. Substitute for Lanolin. Recommended for creams, lipsticks, lip glosses, foundations, hair styling products.  151030-83-0	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil  Ins. Water  -	510068	
37. NOMCORT LAH  GLYCERYL ETHYLHEXANOATE/STEARATE/ADIPATE	☺	White or pale yellow and odorless or slightly characteristic odor and petrolatum-like substance  31°C, 87°F	Soluble in alcohol. High polarity (Dielectric constant:5.59) with good water-holding capability. Recommended for creams, lipsticks, lip creams, hair treatments, cleansing foams.  204206-44-0	Low & High polar esters, Castor oil  Ins. Water  Polymer	532005	
38. SALACOS 334  CAPRYLIC/CAPRIC/MYRISTIC/STEARIC TRIGLYCERIDE	☞ ECO	White or light yellow and characteristic odor petrolatum-like substance  40°C, 104°F	Excellent softly spread and melt at body temperature. All raw materials are vegetable-origin. Recommended for creams, milk lotions, lipsticks, foundations, hair treatments.  85536-06-7 208126-53-8	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil  Ins. Water  287-487-5 -	540065	
39. NOMCORT PHS  HYDROGENATED PALM OIL	☞	White or pale yellow and characteristic odor solid  47°C, 116°F	Hydrogenated refined palm oil. All raw materials are vegetable-origin. It contains tocopherol approx. 200ppm. Recommended for creams, milk lotions, hair treatments.  68514-74-9	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil  Ins. Water  271-056-3	002130	
40. NOMCORT W  PETROLATUM	☺	White or pale yellow and odorless or almost odorless ointment-like substance  57°C, 134°F	Highly refined and very stable solid petrolatum. Recommended for creams, lipsticks, foundations, cleansing foams.  8009-03-8	Low & High polar esters, Vegetable oils, Mineral oil  Ins. Water  232-373-2	107552	

☞ : vegetable source of all raw material  
☺ : non-animal source of all raw material  
ECO : ECOCERT registered Raw Material  
— : including animal source

A physical-properties value is a representation value.

Soluble condition :  
Heat the sample and solvent in the ratio 1: 1,  
measured after heated the mixture, @70°C.  
(T.I.O for Low polar ester and COSMOL 222(SALACOS 222) for High polar)

**EMULSIFYING AGENT**

Product name / INCI name		Physical Form	Properties / Applications	Solubility / <Ins.>Insoluble	
		Melting Point	CAS Number	EC Number	JAPAN Number
41. SALACOS PGMSV  POLYGLYCERYL-10 STEARATE	☞	Pale yellow or light yellow and slightly characteristic odor solid	Hydrophilic nonionic emulsifier. Possible to emulsify or solubilize. Recommended for creams, milk lotions, serums, cleansing foams, gel cleansers.	Ethanol	
		57°C, 134°F	9009-32-9 79777-30-3	- -	521143
42. SALACOS PGDSV  POLYGLYCERYL-10 DISTEARATE	☞	White or pale yellow and slightly characteristic odor waxy substance	Hydrophobic nonionic emulsifier. Possible to emulsify. All raw materials are vegetable-origin. Recommended for creams, milk lotions, serums.	Mineral oil	
		59°C, 138°F	9009-32-9 12764-60-2	- -	520546
43. SALACOS PG-180  POLYGLYCERYL-10 OLEATE	☺	Light yellow or light brown and slightly characteristic odor petrolatum-like substance	Hydrophilic nonionic emulsifier. Available as solubilizer. Possible to substitute for Ethylene Oxide emulsifier. Excellent self-emulsifying ability in combination with SALACOS DG-180. It contains tocopherol approx. 300ppm. Recommended for creams, milk lotions, serums, gel cleansers, bath salts.	Ethanol	
		50°C, 122°F	79665-93-3 9007-48-1	279-230-0 -	521138
44. SALACOS DG-180  POLYGLYCERYL-2 OLEATE	☞	Light yellow or light brown and slightly characteristic odor liquid	Hydrophobic nonionic emulsifier(W/O type). Excellent self-emulsifying ability in combination with SALACOS PG-180. All raw materials are vegetable-origin. It contains tocopherol approx. 300ppm, glyceryl (citric acid/ fatty acid) esters approx. 500ppm and rice bran oil 0-17ppm (for the tocopherol concentration control). Recommended for creams, milk lotions, serums, gel cleansers, bath salts.	Vegetable oils, Castor oil, Mineral oil, Ethanol	
		-	49553-76-6 9007-48-1	256-367-4 -	521138
45. SALACOS PG-218  POLYGLYCERYL-10 DIOLEATE	☺	Light yellow or light brown and slightly characteristic odor petrolatum-like substance	Hydrophilic nonionic emulsifier. Available as solubilizer. Possible to make oil based facial cleanser with excellent water solubilizing ability in combination with SALACOS DG-158. It contains tocopherol approx. 500ppm. Recommended for oil based facial cleansers.	Low polar esters, Mineral oil, Ethanol	
		-	33940-99-7 9007-48-1	251-750-2 -	-
46. SALACOS DG-158  POLYGLYCERYL-2 SESQUICAPRYLATE	☞	Light yellow and slightly characteristic odor transparent liquid	Hydrophobic nonionic emulsifier(W/O type). Possible to make oil based facial cleanser with excellent water solubilizing ability in combination with SALACOS PG-218. All raw materials are vegetable-origin. It contains tocopherol approx. 100ppm. Recommended for oil based facial cleansers.	Castor oil, Ethanol, Mineral oil	
		-	148618-57-9 108777-93-1	- -	-
47. SALACOS GE-118  PEG-20 GLYCERYL ISOSTEARATE	☺	Light yellow or light brown and slightly characteristic odor liquid	Hydrophilic nonionic emulsifier. It contains tocopherol approx. 300ppm. Recommended for cleansing foams, oil free facial cleansers, gel cleansers.	Castor oil, Ethanol, Water	
		-	68958-58-7	-	503122
48. SALACOS GE-318  PEG-20 GLYCERYL TRIISOSTEARATE	☺	Colorless or light yellow and slightly characteristic odor liquid	Hydrophobic nonionic emulsifier. It contains tocopherol approx. 300ppm. Recommended for cleansing foams, oil free facial cleansers, gel cleansers.	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Ethanol	
		-	86846-21-1	-	502095
49. COSMOL 82 (SALACOS 82)  SORBITAN SESQUIOLEATE	☞ ECO	Pale yellow or yellow and slightly characteristic odor liquid	Hydrophobic nonionic emulsifier. All raw materials are vegetable-origin. It contains tocopherol approx. 100ppm. Recommended for creams, milk lotions, lipsticks, foundations, sunscreens, eye shadows.	High polar esters, Vegetable oils, Castor oil, Mineral oil, Ethanol	
		-	8007-43-0	232-360-1	002228
50. COSMOL 182V (SALACOS 182V)  SORBITAN SESQUIISOSTEARATE	☞	Light yellow or yellow and characteristic odor liquid	Hydrophobic nonionic emulsifier. All raw materials are vegetable-origin. Recommended for creams, milk lotions, lipsticks, foundations, sunscreens, eye shadows.	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Ethanol	
		-	71812-38-9	SORBITAN ISOSTEARATE: 276-171-2 SORBITAN DIISOSTEARATE: 269-410-7	504212
51. SALACOS 121  GLYCERYL HYDROXYSTEARATE	☞ ECO	White and odorless or almost odorless solid	Hydrophobic nonionic emulsifier. All raw materials are vegetable-origin. Recommended for creams, foundations.	Castor oil, Ethanol	
		74°C, 165°F	1323-42-8	215-355-9	511072

☞ : vegetable source of all raw material  
☺ : non-animal source of all raw material  
ECO : ECOCERT registered Raw Material

Soluble condition :  
Heat the sample and solvent in the ratio 1 : 9,  
measured after heated the mixture, @70°C.  
(T.I.O for Low polar ester and COSMOL 222(SALACOS 222) for High polar)

## GELLING AGENT

Product name / INCI name	Physical Form			Properties / Applications	Solubility / <Ins.>Insoluble	
	Melting Point			CAS Number	EC Number	JAPAN Number
52. <b>NOMCORT Z</b>  XANTHAN GUM	☺ Light yellow or light yellow brown and slightly characteristic odor powder  -			Bigger high-order structure characterized by bridged structure with hydrogen bonds. Higher salt tolerance, viscosity and yield point than standard Xanthan gum. Recommended for creams, milk lotions, serums, gel cleansers.  11138-66-2	Water  234-394-2	109058
53. <b>NOMCORT ZZ</b>  XANTHAN GUM	☺ Light yellow or light yellow brown and slightly characteristic odor powder  -			Bigger high-order structure characterized by bridged structure with hydrogen bonds. Higher salt tolerance, viscosity and yield point than standard Xanthan gum. For transparent formulations. Recommended for creams, milk lotions, serums, gel cleansers.  11138-66-2	Water  234-394-2	109058
54. <b>NOMCORT SG</b>  GLYCERYL TRIBEHENATE/ISOSTEARATE/EICOSADIOATE	☺ White or light yellow and slightly characteristic odor waxy solid  64°C, 147°F			Available as a thickener for various oil and makes cyclic silicone solidified. Possible to prepare soft gels with thixotropic properties. Stabilizer for W/O emulsion. Recommended for creams, lip glosses, foundations, oil based facial cleansers.  922708-02-9	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil  Ins. Water  REACH Applied	-
55. <b>NOMCORT HK-G</b>  GLYCERYL BEHENATE/EICOSADIOATE	☺ White or light yellow and slightly characteristic odor waxy solid  67°C, 152°F			Available as a thickener for various oils. Possible to prepare gels with thixotropic properties. Stabilizer for W/O emulsion. Recommended for creams, lip glosses, foundations, oil based facial cleansers.  215322-01-3	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil  Ins. Water  478-910-6	-
56. <b>NOMCORT HK-P</b>  POLYGLYCERYL-10 BEHENATE/EICOSADIOATE	☺ White or pale yellow and slightly characteristic odor waxy solid  73°C, 163°F			Available as a thickener for glycols, glycerols, alcohols. Stabilizer for O/W emulsion. Recommended for creams, lip glosses, gel cleansers, massage oils.  457632-32-5	Ins. Mineral oil  478-920-0	-
57. <b>NOMCORT CG</b>  XANTHAN GUM, CERATONIA SILIQUA GUM	☺/☹ White or light yellow brown and slightly characteristic odor powder  -			Water-soluble polymer. Easy to make transparent elastic gel and sol. Possible to prepare gel for skin covering effect, anti-freezing and salt tolerance. Recommended for milk lotions, serums, hair colors, gel cleansers, bath salts.  XANTHAN GUM : 11138-66-2 CERATONIA SILIQUA GUM : 9000-40-2	Water  XANTHAN GUM : 234-394-2 CERATONIA SILIQUA GUM : 232-541-5	XANTHAN GUM : 109058 CERATONIA SILIQUA GUM : 510097
58. <b>NOMCORT AG</b>  XANTHAN GUM, AGAR	☺/☹ light yellow or light yellow brown and slightly characteristic odor powder  -			Water-soluble polymer. Easy to prepare surfactant-free emulsions with several kinds of oil, including high polar esters and insoluble combination of oils. Recommended for creams, milk lotions, serums, gel cleansers, sunscreens.  XANTHAN GUM : 11138-66-2 AGAR : 9002-18-0	Water  XANTHAN GUM : 234-394-2 AGAR : 232-658-1	XANTHAN GUM : 109058 -

☺ : vegetable source of all raw material  
 ☹ : non-animal source of all raw material  
 ECO : ECOCERT registered Raw Material

Soluble condition :  
 Heat the sample and solvent in the ratio 1: 9, measured after heated the mixture, @70°C.  
 (T.I.O for Low polar ester and COSMOL 222(SALACOS 222) for High polar)

## LECITHIN / TOCOPHEROL / VEGETABLE OIL

Product name / INCI name	Physical Form			Properties / Applications	Solubility / <Ins.>Insoluble	
	Viscosity	Refractive Index	Specific Gravity	CAS Number	EC Number	JAPAN Number
59. <b>BASIS LP-20</b>  LECITHIN	☺ Light yellow or brown petrolatum-like substance or white or brown and slightly characteristic odor powder or solid  -	-	-	Refined phospholipid extracted from soybean. Contains 20~30% phosphatidyl choline in phospholipid. Recommended for creams, milk lotions, lipsticks, hair treatments.  8002-43-5 8030-76-0	Low & High polar esters, Vegetable oils, Mineral oil *1  232-307-2 310-129-7	110654
60. <b>BASIS LP-20H</b>  HYDROGENATED LECITHIN	☺ Pale yellow or light yellow and slightly characteristic odor powder  -	-	-	Refined and hydrogenated phospholipid extracted from soybean. Good oxidative stability. Recommended for creams, milk lotions, serums, lipsticks, lip creams, foundations, sunscreens.  92128-87-5	295-786-7	506017
61. <b>BASIS LS-60HR</b>  HYDROGENATED LECITHIN	☺ Pale yellow or light yellow and slightly characteristic odor flaky powder  -	-	-	Refined and hydrogenated phospholipid extracted and fractionated from soybean. Suitable to make liposome because of high Phosphatidyl Choline content (65~75%). Recommended for creams, milk lotions, serums, foundations, sunscreens.  92128-87-5	High polar esters, Mineral oil*1  295-786-7	506017
62. <b>TOCOPHEROL 100</b>  TOCOPHEROL	☺ Yellow or brown and slightly characteristic odor liquid  7,260	1.503	0.952	Natural tocopherol extracted from soybean or rape seed. Excellent anti-oxidant ability because of consisting mainly $\gamma$ , $\delta$ -tocopherol. Recommended for anti-oxidant.  1406-18-4 1406-66-2	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Ethanol*2  Ins. Water  215-798-8	104457
63. <b>E.P.O</b>  OENOTHERA BIENNIS (EVENING PRIMROSE) OIL	☺ Colorless or light yellow and odorless or slightly characteristic odor liquid  54	1.477	0.926	It contains $\gamma$ -linolenic acid. Recommended for creams, milk lotions, serums.  90028-66-3	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil*2  Ins. Water, Ethanol  289-859-2	520772
64. <b>SOYBEANOIL YM</b>  GLYCINE SOJA (SOYBEAN) OIL	☺ Light yellow and slightly characteristic odor liquid  63	1.473	0.921	Glycine Soja(Soybean) Oil is obtained by extraction or expression. Recommended for creams, milk lotions, serums, oil based facial cleansers.  8001-22-7	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil*2  Ins. Water, Ethanol  232-274-4	001390

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 ☹ : non-animal source of all raw material  
 ECO : ECOCERT registered Raw Material

Soluble condition :  
 \*1 Heat the sample and solvent in the ratio 1: 9, measured after heated the mixture, @70°C.  
 \*2 Heat the sample and solvent in the ratio 1: 1, measured after 24hr, @25°C.  
 (T.I.O for Low polar ester and COSMOL 222(SALACOS 222) for High polar)

■ UV ABSORBER / OTHERS

Product name / INCI name	Physical Form			Properties / Applications	Solubility / <Ins.>Insoluble	
	Viscosity	Refractive Index	Specific Gravity	CAS Number	EC Number	JAPAN Number
65. <b>NOMCORT TAB</b> ETHYLHEXYL METHOXYCINNAMATE	☺ 98	Light yellow and slightly characteristic odor liquid 1.543	1.013	Less odor UV-B absorbent with high purity. It contains tocopherol. (200~600ppm) Recommended for creams, milk lotions, foundations, sunscreens. 5466-77-3	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Ethanol Ins. Water 226-775-7	500607
66. <b>NOMCORT TAB-R</b> ETHYLHEXYL METHOXYCINNAMATE	☺ 96	Light yellow and slightly characteristic odor liquid 1.543	1.013	Less odor UV-B absorbent with high purity. It contains BHT. (200~600ppm) Recommended for creams, milk lotions, foundations, sunscreens. 5466-77-3	Low & High polar esters, Vegetable oils, Castor oil, Mineral oil, Ethanol Ins. Water 226-775-7	500607
67. <b>SALACOS 9925G</b> ISONONYL ISONONANOATE (AND) DIMETHICONE	☺ 53,200	Colorless or light yellow and odorless or slightly characteristic odor liquid 1.428	0.882	Mixture ratio of Dimethicone and SALACOS 99 for 3:1. Easy and convenient to use. Recommended for hair styling products. SALACOS 99:59219-71-5, 42131-25-9 DIMETHICONE:63148-62-9	Low viscosity silicones, Silicone gums Ins. Vegetable oils, Mineral oil, Water SALACOS 99 : 261-665-2 DIMETHICONE : -	SALACOS 99:503013 DIMETHICONE:520396
68. <b>NOMCORT HP-30</b> HYDROGENATED POLYDECENE	☺ 32	Colorless and odorless or slightly characteristic odor liquid 1.456	0.817	Non-polar oil(Mostly composed of C30 like mineral oil, squalane. Superior in safety and solubility, similar texture to squalane. It contains dl- $\alpha$ -tocopherol approx. 50ppm. Recommended for creams, milk lotions, lipsticks, lip glosses, foundations, oil based facial cleansers, sunscreens. 68037-01-4	Low & High polar esters, Vegetable oils, Mineral oil, Low viscous silicones Ins. Water, Ethanol 500-183-1	502029
69. <b>NOMCORT HP-100</b> HYDROGENATED POLYDECENE	☺ 99	Colorless and odorless or slightly characteristic odor liquid 1.460	0.831	Non-polar oil(Mostly composed of C40 and C50) like mineral oil, squalane. Superior in safety and solubility, similar texture to squalane. It contains dl- $\alpha$ -tocopherol approx. 50ppm. Recommended for creams, milk lotions, lipsticks, lip glosses, foundations, oil based facial cleansers, sunscreens. 68037-01-4	Low & High polar esters, Vegetable oils, Mineral oil Ins. Water, Ethanol 500-183-1	502029

☺ : vegetable source of all raw material  
 ☺ : non-animal source of all raw material  
 ECO : ECOCERT registered Raw Material  
 - : including animal source

Soluble condition :  
 Heat the sample and solvent in the ratio 1 : 1,  
 measured after 24hr, @25°C.  
 (T.I.O for Low polar ester and COSMOL 222(SALACOS 222) for High polar)

This information is believed to be reliable, but it is not to be construed as a warranty and no patent liability can be assumed.  
 COSMOL, SALACOS, NOMCORT and BASIS are our Trade names in Japan. We don't guarantee those Trade names in other countries.



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