






Products portfolio





GLYCERINES

		Glycerol (%)	Color (apha)
Greencerine® 9078	Heat stable Glycerine	99,5 - 99,8	<10
Greencerine® 9083	Glycerine	99,5 - 99,8	<10
Greencerine® 9086	Vegetable Glycerine	99,5 - 99,8	<10
Greencerine® 9091	Vegetable Glycerine (GMO free) 	99,5 - 99,8	<10
Greencerine® 9092	Vegetable Glycerine (olive based ECOCERT)	99,5 - 99,8	<10

OLEIC ACIDS

		C18:1 (%)	Iodine Value (g/100g)
Greenolene® 6900	Oleic Acid	65 - 75	89 - 97
Greenolene® 6907	Oleic Acid	67 - 74	90 - 97
Greenolene® 6908	Oleic Acid	65 - 75	90 - 96
Greenolene® 6909	Oleic Acid	65 - 80	90 - 100
Greenolene® 6910	Oleic Acid	65 - 80	89 - 97
Greenolene® 6928	Vegetable Oleic Acid (100% olive based)  	74 - 80	95 - 105
Greenolene® 6931	Vegetable Oleic Acid	72 - 80	95 - 105
Greenolene® 6936	Vegetable Oleic Acid (high % oleic acid)	90 - 100	88 - 98
Greenolene® 6937	Vegetable Oleic Acid (high % oleic acid)	80 - 88	87 - 94

OLIVE FATTY ACIDS

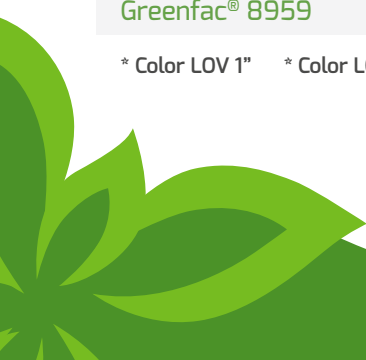
		C18:1 (% typical)	Color (typical Y/R)	Cloud Point (°C)
Greenfac® 7937	Fatty Acids (low Cloud Point, max 12°C)	70	15/1,5 **	12 max
Greenfac® 7981	Fatty Acids (standard olive)	66	15/1,5 **	20 - 32
Greenfac® 7983	Fatty Acids (high quality with lighter color)	68	10/1 **	20 - 30
Greenfac® 7986	Fatty Acids (high quality with C18:1 > 69%) 	71	15/1,5 **	18 - 26
Greenfac® 7987	Fatty Acids (standard olive) 	68	15/1,5 **	20 - 30

* Color LOV 1" ** Color LOV 5 ¼"

OTHER FATTY ACIDS

		Iodine Value (g/100g)	Color (typical Y/R)
Greenfac® 7911	Fatty Acids (nut type)	85 - 105	10/1 **
Greenfac® 7913	Fatty Acids (cotton type)	95 - 110	10/1 **
Greenfac® 7923	Fatty Acids (high quality tallow)	52 - 63	1/0,3 *
Greenfac® 7935	Fatty Acids (standard tallow)	50 - 62	2,5/0,5 *
Greenfac® 7938	Fatty Acids (palm type)	48 - 58	2,5/0,5 *
Greenfac® 7972	Fatty Acids (vegetable, no palm)	40 - 50	30/3 **
Greenfac® 7974	Fatty Acids (vegetable, no palm)	55 - 65	5/1 **
Greenfac® 8958	Fatty Acids (tall oil type)	120 - 130	15/1,5 **
Greenfac® 8959	Fatty Acids (tall oil type)	130 - 145	10/1 **

* Color LOV 1" * Color LOV 5 ¼"



POLY-UNSATURATED FATTY ACIDS

		C18:1 (% typical)	C18:2 + C18:3 % typical	Iodine Value (g/100g)
Greenfac® 8950	Fatty Acids (mixed seed type)	33	52	128 - 138
Greenfac® 8951	Fatty Acids (mixed seed type)	35	50	123 - 130
Greenfac® 8952	Fatty Acids (mixed seed type)	38	48	115 - 130
Greenfac® 8953	Fatty Acids (soya type)	35	59	132 - 140
Greenfac® 8954	Fatty Acids (mixed seed type)	35	50	125 - 135
Greenfac® 8960	Fatty Acids (sunflower)	27	59	125 - 140
Greenfac® 8962	Fatty Acids (winterized sunflower)	32	61	136 - 150

STEARIC ACIDS

		C16 (%)	C18 (%)	Iodine Value (g/100g)	Color (typical Y/R)
Greenstearine® 4900	Fatty Acids (standard quality)	43 - 52	40 - 52	1 max	1,5/0,3 **
Greenstearine® 4906	Fatty Acids (standard quality)	48 - 52	43 - 47	0,5 max	1/0,2 **
Greenstearine® 4909	Fatty Acids (optimized shrinkage for candles)	35 - 37	55 - 57	1 max	1/0,2 **
Greenstearine® 4910	Fatty Acids (standard quality)	24 - 35	60 - 70	2 max	2,5/0,5 **
Greenstearine® 4911	Fatty Acids (high quality)	42 - 49	44 - 52	0,5 max	1/0,2 **
Greenstearine® 4913	Fatty Acids (high stability)	24 - 32	61 - 69	1 max	1/0,2 **
Greenstearine® 4916	Fatty Acids (standard quality)	37 - 49	42 - 57	2 max	2,5/0,5 **
Greenstearine® 4919	Fatty Acids (high quality and high stability)	24 - 32	61 - 69	0,5 max	1/0,1 **
Greenstearine® 4922	Fatty Acids (vegetable)	27 - 35	60 - 70	2 max	1,5/0,3 **
Greenstearine® 4923	Fatty Acids (vegetable, RSPO MB)	40 - 52	45 - 54	2 max	1/0,2 **
Greenstearine® 4926	Fatty Acids (vegetable, high stearic %)	0 - 8	92 - 95	3 max	2,5/0,5 **
Greenstearine® 4928	Fatty Acids (vegetable, 100% olive based) C	46 - 56	40 - 50	0,7 max	2/0,2 **
Greenstearine® 4929	Fatty Acids (vegetable, RSPO MB)	42 - 47	53 - 58	0,5 max	1/0,2 **
Greenstearine® 4931	Fatty Acids (rubber grade)	typical 35	typical 45	5 max	2,5/0,5 **
Greenstearine® 4935	Fatty Acids (rubber grade)	25 - 52	43 - 70	2 max	15/1,5 **
Greenstearine® 4936	Fatty Acids (rubber grade)	40 - 65	20 - 40	5 max	20/2 **

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PARTIALLY HYDROGENATED FATTY ACIDS

		Iodine Value (g/100g)
Greenfac® 5904	Fatty Acids (palm based)	38 - 43
Greenfac® 5905	Fatty Acids (tallow based)	38 - 46
Greenfac® 5928	Fatty Acids (olive based)	38 - 46
Greenfac® 9593	Fatty Acids (tallow based)	83 - 87
Greenfac® 9598	Fatty Acids (vegetable based)	87 - 95
Greenfac® 9707	Fatty Acids (palm based)	18 - 23

SODIUM SOAP

Greensavon® 1634	Sodium Soap (C16 and C18)	Greensavon 1875	Sodium Soap (olive/coconut soap)
Greensavon® 1828	Sodium Soap (hardened olive soap)	Greensavon 1876	Sodium Soap (olive soap) C
Greensavon® 1864	Sodium Soap (stearic acid soap)	Greensavon 1877	Sodium Soap (tallow soap)
Greensavon® 1866	Sodium Soap (tallow/coconut soap)	Greensavon 1878	Sodium Soap (oleic acid/coconut soap)

POTASSIUM SOAP

		C12 % typical	C14 % typical
Greenfad® 3001	Potassium Cocoate	55	22
		C18:1 % typical	C18:2 + C18:3 % typical
Greensavon® 3028	Potassium Oliviate (100% olive based) C	70	12
Greensavon® 3087	Potassium Oliviate C	77	12

ESTERS

		Viscosity (@40° cSt)	Pour Point (°C)	Flash Point CCC (°C)	Acid Value (mgKOH/g)	Color
Greenfad® 2100	Fatty Acids, trimethylolpropane esters	68	-40	285	0.5	1 (ASTM)
Greenfad® 2110	Fatty Acids, trimethylolpropane esters	1700	-44	300	1	1 (ASTM)
Greenfad® 2130	Fatty Acids, trimethylolpropane esters	46	-40	285	0.5	1 (ASTM)
Greenfad® 2131	Fatty Acids, trimethylolpropane esters	46	-40	285	0.5	1 (ASTM)
Greenfad® 2132	Fatty Acids, trimethylolpropane esters	46	-40	285	0.5	1 (ASTM)
Greenfad® 2190	Fatty Acids, esters	40	-15	290	0.5	1 (ASTM)
Greenfad® 2192	Fatty Acids, esters	42	-15	290	0.5	2 (GD)
Greenfad® 2194	Fatty Acids, esters	75	-35	300	< 4	1 (ASTM)
Greenfad® 2196	Fatty Acids, trimethylolpropane esters	46	-30	285	< 2	1 (ASTM)
Greenfad® 2198	Fatty Acids esters	32	-15	230	0.1	1 (ASTM)
Greenfad® 2200	Fatty Acids, 2-ethylhexyl esters	8.5	-40	230	0.1	1 (ASTM)
Greenfad® 2220	Fatty Acids, 2-ethylhexyl esters (palmitate)	8.3	-7	215	0.1	35 (APHA)
Greenfad® 2230	Fatty Acids, 2-ethylhexyl esters (laurate)	5	-35	190	0,1	35 (APHA)
		Mono-glyceride (% typical)	Di-glyceride (% typical)	Glycerol (% typical)		
Greenfad® 2800	Glycerides (olive)	50	40	4		
Greenfad® 2800SE	Glycerides (olive)	45	32	5		
Greenfad® 2816	Glycerides (tallow)	45	40	7		
Greenfad® 2829	Glycerides (palm)	40	45	2		

SQUALENE

		Squalene % typical	N.A. % typical
Greenchem 7167	Mix of Fatty Acids with Squalene	28 - 40	< 15
GreenSmooth® 7192	Squalene	86 - 94	< 1

Certifications legend:

