



ESTERS



PRODUCT	DESCRIPTION	PACKAGING	FAT SOURCE	LEGAL STATUS	Cake gel	Bakery	Confectionery	Chocolate	Fillings	Fat & Margarine	Dairy	Meat
DISTILLED MONOGLYCERIDES												
VEROL N 90	Saturated distilled monoglyceride	5	Palm	E-471	•	•	•		•	•	•	•
VEROL SE 90 (SG)	Water soluble distilled monoglyceride	6	Palm	E-471		•			•	•		
VEROL IG 90	Unsaturated distilled monoglyceride	9, 10, 11, 12	Sunflower	E-471		•	•		•	•	•	
VEROL GH 90	Saturated distilled monoglyceride	5	Sunflower	E-471		•	•		•	•		
VEROL AO 90	Unsaturated distilled monoglyceride	9, 11	High oleic sunflower	E-471						•		
VEROL HB	Water soluble distilled monoglyceride	5	Palm	E-471	•	•						
VEROL GH 90/HB	Water soluble distilled monoglyceride	5	Sunflower	E-471	•	•						
MONO AND DIGLYCERIDES												
VEROL N	Saturated mono and diglycerides 32%	5	Palm	E-471			•		•			
VEROL S	Water soluble mono and diglycerides	5	Palm	E-471					•		•	
VEROL N 40	Saturated mono and diglycerides 40%	5	Palm	E-471			•		•	•		•
VEROL N 45	Saturated mono and diglycerides 45%	5	Palm	E-471			•		•	•		•
VEROL N 60	Saturated mono and diglycerides 60%	5	Palm	E-471			•		•	•		•
VEROL GH 40	Saturated mono and diglycerides 40%	5	Sunflower	E-471			•		•	•		•
VEROL GH 60	Saturated mono and diglycerides 60%	5	Sunflower	E-471			•		•	•		•
VEROL IG	Unsaturated mono and diglycerides	9, 10, 11	High oleic sunflower	E-471			•		•	•		
VEROL O	Unsaturated mono and diglycerides	9, 10	Rapeseed	E-471					•	•		
VEROL SH 40	Saturated mono and diglycerides 40%	5	Non GMO soya	E-471			•			•		
ACETIC ACID ESTERS												
VERACET 50	50% acetylation	8	Palm	E-472a			•					
VERACET 70	70% acetylation	7, 8	Palm	E-472a	•		•					
VERACET 90	90% acetylation	7, 8	Palm	E-472a			•					
VERACET L	95% acetylation	7	Coconut	E-472a			•					
LACTIC ACID ESTERS												
LACTET N	Saturated lactic acid ester	5, 8	Palm	E-472b		•			•		•	
LACTET GH	Saturated lactic acid ester	5, 8	Sunflower	E-472b		•			•		•	
CITRIC ACID ESTERS												
CORIS G	Saturated citric acid ester	5	Palm	E-472c						•	•	•
CORIS I	Unsaturated citric acid ester	2, 3, 7	Sunflower	E-472c			•			•	•	•
CORIS PH/N	Saturated citric acid ester	5	Palm	E-472c						•	•	•
DIACETYL TARTARIC ESTERS												
MOGLICET G	Unsaturated Datem	2, 3, 7	Sunflower	E-472e	•	•						
MOGLICET SF 40	Unsaturated Datem	2, 3, 7	Sunflower	E-472e	•	•						
MOGLICET G/FL	Unsaturated Datem	2, 3, 7	Sunflower	E-472e	•	•						
POLYGLYCEROL ESTERS												
VEROL P	Saturated polyglycerol ester	5, 6	Palm	E-475	•		•		•	•	•	
VEROL P/PH	Saturated polyglycerol ester	6	Palm	E-475	•		•		•	•	•	
VEROL P/GH	Saturated polyglycerol ester	6	Sunflower	E-475	•		•		•	•	•	
VEROL P/PG	Unsaturated polyglycerol ester	9, 11	Palm, sunflower	E-475						•	•	
VEROL P/G	Unsaturated polyglycerol ester	9, 11	Sunflower	E-475						•	•	
VEROL PR	PGPR	9, 10, 13	Castor oil	E-476			•	•	•	•		
VEROL PR HF	PGPR	9, 10, 13	Castor oil	E-476			•	•	•	•		
CRYSTALLIZING AGENTS												
NORGRAS CRS	Crystallizing agent	5	Rapeseed	Hydrogenated rapeseed			•		•	•		
NORGRAS CRS 15	Crystallizing agent	5	Palm	Palm			•		•	•		
NORGRAS CRS 064	Crystallizing agent	5	Palm, rapeseed	Hydrog. palm & rapeseed			•		•	•		
VEROL CRS 10	Crystallizing agent	5	Rapeseed, palm	Hydrog. rapeseed, E-471			•		•	•		
VEROL CRS 50	Crystallizing agent	5	Rapeseed, sunflower	Hydrog. sunflower, E-471			•		•	•		
VEROL CRS 70	Crystallizing agent	5	Rapeseed, sunflower, palm	E-471, E-475			•		•	•		
OTHER ESTERS												
NEOVEROL 60	Sorbitan monostearate	5	Palm	E-491		•						
NEOVEROL 65	Sorbitan tristearate	5, 6	Palm	E-492				•	•	•		
VEROLEC YN	Ammonium phosphatides	9, 10, 11	Rapeseed	E-442				•	•			

PACKAGING: 1.- 100 kgs Drums 2.- 200 kgs Drums 3.- 1 Mt IBC Container 4.- Bulk 5.- 25 kgs Paper bags 6.- 20 kgs Paper bags 7.- 20 kgs Plastic buckets 8.- 20 kgs Box 9.- 180 kgs Drums 10.- 900 kgs IBC 11.- 18 kgs Buckets 12.- 18 kgs Box 13.- 25 kgs Jerrycans

All palm-based products are available in MASS BALANCE. SEGREGATED option can be studied upon request.

LECITHINS

PRODUCT	DESCRIPTION	PACKAGING	LEGAL STATUS	Bakery	Biscuits	Confectionery	Chocolate	Fat & Margarine	Dairy	Release agents	Feed	Industrial
NON GMO SOYA LECITHIN												
VEROLEC NON GMO IP	Standardized lecithin	1, 2, 3, 4, 7	E-322	•	•	•	•	•		•	•	
VEROLEC PREMIUM NON GMO IP	Refined & standardized lecithin	1, 2, 3, 4, 7	E-322	•	•	•	•	•		•	•	
VEROLEC NGM	Standardized lecithin	1, 2, 3, 4, 7	E-322	•	•	•	•	•		•	•	
VEROLEC HE NON GMO IP	Hydrolyzed lecithin	1, 2, 3, 4, 7	E-322	•	•	•		•			•	
VEROLEC HE 60 NON GMO IP	Hydrolyzed lecithin	1, 2, 3, 4, 7	E-322	•	•	•		•			•	
VEROLEC 56 NON GMO IP	Soya lecithin	1, 2, 3, 4, 7	E-322									
SUNFLOWER LECITHIN												
GIRALEC	Standardized lecithin	1, 2, 3, 4, 7	E-322	•	•	•	•	•		•	•	
GIRALEC SRN	Refined & standardized lecithin	1, 2, 3, 4, 7	E-322	•	•	•	•	•		•	•	
GIRALEC PREMIUM	Refined & standardized lecithin	1, 2, 3, 4, 7	E-322	•	•	•	•	•		•	•	
GIRALEC HE	Hydrolyzed lecithin	1, 2, 3, 4, 7	E-322	•	•	•		•			•	
GIRALEC HE 60	Hydrolyzed lecithin	1, 2, 3, 4, 7	E-322	•	•	•		•			•	
GIRALEC HE 60 SRN	Refined & hydrolyzed lecithin	1, 2, 3, 4, 7	E-322	•	•	•		•			•	
GIRALEC SF	Standardized lecithin - Solvent Free	1, 2, 3, 4, 7	E-322	•	•	•		•		•		
RAPESEED LECITHIN												
SEMILEC	Standardized lecithin	1, 2, 3, 4, 7	E-322	•	•	•	•	•		•	•	
SEMILEC SRN	Refined & standardized lecithin	1, 2, 3, 4, 7	E-322	•	•	•	•	•		•	•	
SEMILEC PREMIUM	Refined & standardized lecithin	1, 2, 3, 4, 7	E-322	•	•	•	•	•		•	•	
SEMILEC HE	Hydrolyzed lecithin	1, 2, 3, 4, 7	E-322	•	•	•		•			•	
SEMILEC HE 60	Hydrolyzed lecithin	1, 2, 3, 4, 7	E-322	•	•	•		•			•	
ORGANIC LECITHIN												
VEROLEC ORGANIC	Organic soya lecithin	1, 2, 3, 4, 7	E-322	•	•	•	•	•		•	•	
GIRALEC ORGANIC	Organic sunflower lecithin	1, 2, 3, 4, 7	E-322	•	•	•	•	•		•	•	
GMO SOYA LECITHIN												
VEROLEC F 62	Standardized lecithin	1, 2, 3, 4, 7	E-322	•	•	•	•	•		•	•	
VEROLEC F 62 TOP	Standardized lecithin	1, 2, 3, 4, 7	E-322	•	•	•	•	•		•	•	
VEROLEC HE	Hydrolyzed lecithin	1, 2, 3, 4, 7	E-322	•	•	•		•			•	
VEROLEC HE 60	Hydrolyzed lecithin	1, 2, 3, 4, 7	E-322	•	•	•		•			•	
CORILEC F 62	Standardized lecithin	1, 2, 3, 4, 7										•
CORILEC HE 60	Hydrolyzed lecithin	1, 2, 3, 4, 7										•
INSTANTIZING LECITHIN												
VEROLEC INS (NGM)	Fluidized lecithin	9, 10, 11	E-322, E-471				•		•			
VEROLEC INS 40/FL SP (NGM)	Fluidized lecithin	9, 10, 11	E-322				•		•			
VEROLEC INS SP (NGM)	Fluidized lecithin	9, 10, 11	E-322, E-471				•		•			
GIRALEC INS	Fluidized lecithin	9, 10, 11	E-322, E-471				•		•			
GIRALEC INS/FL	Fluidized lecithin	9, 10, 11	E-322				•		•			
GIRALEC INS 40	Fluidized lecithin	9, 10, 11	E-322, E-471				•		•			
GIRALEC MP	Refined & standardized lecithin	9, 10, 11	E-322						•			
LECITHINATED FLOURS												
LECISOL	Sunflower lecithin on flour support	5	E-322, E-341	•	•						•	
LECISOL 35	Sunflower lecithin on flour support	5	E-322, E-341	•	•						•	
LECISOL RF	Sunflower lecithin on rice flour support	5	E-322, E-341	•	•						•	
LECIRED	Rapeseed lecithin on flour support	5	E-322, E-341	•	•						•	
LECIRED 35	Rapeseed lecithin on flour support	5	E-322, E-341	•	•						•	
DE-OILED LECITHINS												
VEROLEC P (NGM)	De-oiled Non GMO IP soya lecithin	8	E-322	•	•						•	
GIRALEC P (NGM)	De-oiled Non GMO IP sunflower lecithin	8	E-322	•	•						•	

COMPOUNDS

PRODUCT	DESCRIPTION	PACKAGING	LEGAL STATUS	Bakery	Biscuits	Confectionery	Chocolate	Fat & Margarine	Dairy	Release agents	Feed	Meat
COMPOUNDS												
LEMOCIT	Compound	5	E-322, E-471, E-472c					•				
VEROL LM 5042	Compound	6	E-322, E-471					•				
VEROL LM C	Compound	6	E-322, E-471					•				
VEROL MC 5	Compound	5	E-471, E-472c									•
VEROL G 60 M	Compound	6	E-322, E-471					•				

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LASENOR

