

A close-up photograph of a person's hand, palm up, holding a large quantity of small, white, teardrop-shaped granules. Some granules are falling from the hand, creating a blurred trail against the background. The background is a neutral, light-colored wall.

# PRODUCT OVERVIEW

## PRODUCT OVERVIEW

EMOLLIENTS						
TRADE NAME	INCI	PHYSICAL STATE	DYN. VISCOSITY (25°C°) (MPA.S)	NOI (ISO 16128) <sup>1</sup>	CHINA REGISTRATION	
					Cosmetic (IECIC)	Chemical (IECSC)
<b>Jolee 7750</b>	Isoamyl Laurate	Liquid	5	1	x	x
<b>Radia 7730</b>	Isopropyl Myristate	Liquid	6	0.8	x	x
<b>Radia 7710</b>	Isononyl Isononanoate	Liquid	6	0	x	x
<b>Jolee 7202</b>	Propylene Glycol Diheptanoate	Liquid	6	1		
<b>Radia 7195</b>	Isopropyl Stearate	Liquid	7	0.8	x	x
<b>Radia 7732</b>	Isopropyl Palmitate	Liquid	8	0.8	x	x
<b>Radia 7722</b>	Ethylhexyl Coccoate	Liquid	8	0.6	x	x
<b>Radia 7677</b>	Neopentyl Glycol Diheptanoate	Liquid	9	0.7	x	x
<b>Radia 7214</b>	Butylene Glycol Dicaprylate/Dicaprate	Liquid	10	0.8	x	
<b>Radia 7220</b>	Coco Caprylate/Caprata	Liquid	10	1	x	x
<b>Radia 7207</b>	Propylene Glycol Dicaprylate/Dicaprate	Liquid	11	1	x	x
<b>Radia 7208</b>	Propylene Glycol Dicaprylate/Dicaprate	Liquid	11	0.8	x	x
<b>Radia 7508</b>	Cetearyl Ethylhexanoate (and) Isopropyl Myristate	Liquid	11	0.7	x	x
<b>Radia 7739</b>	Isopropyl Isostearate	Liquid	12	0.8	x	x
<b>Radia 7507</b>	Cetearyl Ethylhexanoate	Liquid	12	0.7	x	x
<b>Radia 7779</b>	Ethylhexyl Palmitate	Liquid	13	0.7	x	x
<b>Radia 7772</b>	Ethylhexyl Stearate	Liquid	13	0.7	x	x
<b>Radia 7506</b>	Cetyl Ethylhexanoate	Liquid	14	0.7	x	x
<b>Radia 7210</b>	Propylene Glycol Dicaprate	Liquid	14	0.8	x	x
<b>Radia 7336</b>	Decyl Oleate	Liquid	14	1	x	x
<b>Radia 7104</b>	Caprylic/Capric Triglyceride (60/40)	Liquid	29	1	x	x
<b>Radia 7102K</b>	Caprylic/Capric Triglyceride (70/30)	Liquid	30	1	x	x
<b>Radia 7610</b>	Triethylhexanoin	Liquid	31	0	x	x
<b>Radiacid 0909</b>	Isostearic Acid	Liquid	45	1	x	x
<b>Radianol 1980</b>	Isostearyl Alcohol	Liquid	68	1	x	x
<b>Radia 7373</b>	Triisostearin	Liquid	215	1	x	x

	SKIN CARE		HAIR CARE	SUN CARE		COLOR			CLEANSER	
	Face & Body	Baby	Conditioner & treatments	Organic sunscreens	Inorganic sunscreens	Foundation	Mascara	Lipcare	Skin rinse-off	Shampoo
<b>EMOLLIENTS</b>										
TRADE NAME										
Jolee 7750	x	x	x			x	x	x		
Radia 7730	x	x	x						x	x
Radia 7710	x	x				x		x		
Jolee 7202	x	x	x	x	x					
Radia 7195	x	x							x	
Radia 7732	x	x	x	x	x			x	x	x
Radia 7722	x	x								
Radia 7677	x	x		x	x					
Radia 7214	x	x		x	x					
Radia 7220	x	x		x	x	x	x	x		
Radia 7207	x	x		x	x		x			
Radia 7208	x	x		x	x		x			
Radia 7508	x	x				x		x	x	
Radia 7739	x	x							x	
Radia 7507	x	x				x		x		
Radia 7779	x	x		x	x	x		x		
Radia 7772	x	x								
Radia 7506	x	x	x			x		x	x	
Radia 7210	x	x		x	x					
Radia 7336	x	x							x	
Radia 7104	x	x	x	x	x	x		x	x	x
Radia 7102K	x	x	x	x	x	x		x	x	x
Radia 7610	x	x				x		x		
Radiacid 0909	x	x		x	x	x	x			
Radianol 1980	x					x	x	x		
Radia 7373	x	x		x	x					

<sup>1</sup> Natural Origin Index. Calculation based on molecular weight.

## PRODUCT OVERVIEW

TRADE NAME	INCI	PHYSICAL STATE	DYN. VISCOSITY (25°C°) (MPA.S)	NOI (ISO 16128) <sup>1</sup>	CHINA REGISTRATION	
					Cosmetic (IECIC)	Chemical (IECSC)
<b>Radiastar 1436</b>	Isocetyl Isoarachidol	Liquid	313	1		
<b>Jolee 7185</b>	Pentaerythrityl Tetraistearate (100% biobased) <sup>2</sup>	Liquid	410	0.8	x	x
<b>Jolee 7181</b>	Pentaerythrityl Tetraistearate	Liquid	410	0.8	x	x
<b>Radia 7798</b>	Propylene Glycol Diheptanoate (and) Hydrogenated Dilinoleyl Alcohol (and) Ethylcellulose	Liquid	3000	0.9		
<b>Radiacid 0972</b>	Dilinoleic Acid	Liquid	5700	1	x	x

### OPACIFIERS

TRADE NAME	INCI	PHYSICAL STATE	NOI (ISO 16128) <sup>1</sup>	CHINA REGISTRATION	
				Cosmetic (IECIC)	Chemical (IECSC)
<b>Radia 7268</b>	Glycol Distearate	Solid	0.9	x	x
<b>Radiasurf 7270</b>	Glycol Stearate	Solid	0.8	x	x

### VEGETABLE OILS

TRADE NAME	INCI	PHYSICAL STATE	NOI (ISO 16128) <sup>1</sup>	CHINA REGISTRATION	
				Cosmetic (IECIC)	Chemical (IECSC)
<b>Lucee Oil Sunflower RBDW KH (6235K)</b>	Helianthus Annuus Seed Oil	Liquid	1.0	x	x
<b>Lucee Oil Rosehip CP RBD (6771)</b>	Rosa Canina Fruit Oil	Liquid	1	x	x
<b>Lucee Oil Almond RBD K (6297K)</b>	Prunus Amygdalus Dulcis Oil	Liquid	1	x	x
<b>Lucee Oil Argan CP D (6760)</b>	Argania Spinosa Kernel Oil	Liquid	1	x	x
<b>Lucee Oil Jojoba (6733)</b>	Simmondsia Chinensis Seed Oil	Liquid	1	x	x
<b>Lucee Oil Macadamia RBD (6792)</b>	Macadamia Intergrifolia / Ternifolia Seed Oil	Liquid	1	x	x
<b>Lucee Oil Avocado RD KH (6219K)</b>	Persea Gratissima Oil	Liquid	1	x	x
<b>Lucee Oil Apricot RBDW (6747)</b>	Prunus Armeniaca Kernel Oil	Liquid	1	x	x
<b>Lucee Oil Grapeseed RD KH (6274K)</b>	Vitis Vinifera Seed Oil	Liquid	1	x	x

	SKIN CARE		HAIR CARE	SUN CARE		COLOR			CLEANSER	
	Face & Body	Baby	Conditioner & treatments	Organic sunscreens	Inorganic sunscreens	Foundation	Mascara	Lipcare	Skin rinse-off	Shampoo
TRADE NAME										
<b>Radiostar 1436</b>					X	X	X	X		
<b>Jolee 7185</b>	X	X	X	X	X		X	X		X
<b>Jolee 7181</b>	X	X	X	X	X		X	X		X
<b>Radia 7798</b>	X	X	X		X		X	X	X	
<b>Radiacid 0972</b>							X			

OPACIFIERS										
TRADE NAME										
<b>Radia 7268</b>	X		X						X	X
<b>Radiasurf 7270</b>	X		X						X	X

VEGETABLE OILS										
TRADE NAME										
<b>Lucee Oil Sunflower RBDW KH (6235K)</b>	X		X	X	X			X	X	X
<b>Lucee Oil Rosehip CP RBD (6771)</b>	X	X	X	X	X			X	X	X
<b>Lucee Oil Almond RBD K (6297K)</b>	X	X	X							
<b>Lucee Oil Argan CP D (6760)</b>	X	X	X						X	X
<b>Lucee Oil Jojoba (6733)</b>	X	X	X							X
<b>Lucee Oil Macadamia RBD (6792)</b>	X	X						X		
<b>Lucee Oil Avocado RD KH (6219K)</b>	X	X	X	X	X					X
<b>Lucee Oil Apricot RBDW (6747)</b>	X	X	X	X	X	X		X	X	X
<b>Lucee Oil Grapeseed RD KH (6274K)</b>	X	X	X	X	X					X

<sup>1</sup> Natural Origin Index. Calculation based on molecular weight.

<sup>2</sup> Based on Mass Balanced principle.

## PRODUCT OVERVIEW

BUTTERS						
TRADE NAME	INCI	PHYSICAL STATE	MELTING POINT	NOI (ISO 16128) <sup>1</sup>	CHINA REGISTRATION	
					Cosmetic (IECIC)	Chemical (IECSC)
<b>Lucee Btr Cocoa RBD KH (6705K)</b>	Theobroma Cacao Seed Butter	Solid	33°C	1	x	x
<b>Lucee Btr Sheanut RBD (6707)</b>	Butyrospermum Parkii Butter	Solid	31°C	1	x	x

TEXTURIZERS						
TRADE NAME	INCI	PHYSICAL STATE	MELTING POINT (°C) OR DYN. VISCOSITY (25°C) (MPA.S)	NOI (ISO 16128) <sup>1</sup>	CHINA REGISTRATION	
					Cosmetic (IECIC)	Chemical (IECSC)
<b>Radia 7798</b>	Propylene Glycol Diheptanoate (and) Hydrogenated Dilinoleyl Alcohol (and) Ethylcellulose	Liquid	2500-3500 mPa.s	0.9		
<b>Radia 7744</b>	Myristyl Myristate	Solid	40°C	1	x	x
<b>Radia 7747</b>	Myristyl Stearate	Solid	45°C	1	x	x
<b>Radianol 1990</b>	Hydrogenated Dilinoleyl Alcohol	Liquid	1800-2800 mPa.s	1	x	x
<b>Radiacid 0976</b>	Hydrogenated Dimer Dilinoleic Acid	Liquid	6000 - 7000 mPas	1		x
<b>Radiacid 0560</b>	Behenic Acid	Solid	80°C	1	x	x
<b>Radia 7176</b>	Pentaerythryl Tetrastearate	Solid	61°C	0.7	x	x
<b>Radia 7500</b>	Cetyl Palmitate	Solid	55°C	1	x	x

SOLUBILIZERS						
TRADE NAME	INCI	PHYSICAL STATE	NOI (ISO 16128) <sup>1</sup>	CHINA REGISTRATION		
				Cosmetic (IECIC)	Chemical (IECSC)	
<b>Jolee 7202</b>	Propylene Glycol Diheptanoate	Liquid	1			
<b>Jolee 7931</b>	Polyglyceryl-4 Caprate (and) Aqua	Liquid	1	x	x	
<b>Radia 7207</b>	Propylene Glycol Dicaprylate/Dicaprate	Liquid	1	x	x	
<b>Radia 7214</b>	Butylene Glycol Dicaprylate/Dicaprate	Liquid	0	x		

	SKIN CARE		HAIR CARE	SUN CARE		COLOR			CLEANSER	
	Face & Body	Baby	Conditioner & treatments	Organic sunscreens	Inorganic sunscreens	Foundation	Mascara	Lipcare	Skin rinse-off	Shampoo
<b>BUTTERS</b>										
TRADE NAME										
Lucee Btr Cocoa RBD KH (6705K)	x	x		x	x			x	x	
Lucee Btr Sheanut RBD (6707)	x	x		x	x			x	x	

<b>TEXTURIZERS</b>										
TRADE NAME										
Radia 7798	x	x	x		x		x	x	x	
Radia 7744	x	x		x	x		x			
Radia 7747	x	x		x	x		x			
Radianol 1990	x	x				x	x	x		
Radiacid 0976							x	x		
Radiacid 0560	x	x	x				x	x	x	x
Radia 7176	x									
Radia 7500	x		x	x	x			x	x	

<b>SOLUBILIZERS</b>										
TRADE NAME										
Jolee 7202	x	x	x	x	x					
Jolee 7931	x	x	x	x	x				x	x
Radia 7207	x	x		x	x		x			
Radia 7214	x	x		x	x					

<sup>1</sup> Natural Origin Index. Calculation based on molecular weight..

## PRODUCT OVERVIEW

EMULSIFIERS							
TRADE NAME	INCI	PHYSICAL STATE	HLB	INDICATIVE USE	NOI (ISO 16128) <sup>1</sup>	CHINA REGISTRATION	
						Cosmetic (IECIC)	Chemical (IECSC)
<b>Rdiasurf 7137</b>	Polysorbate 20	Liquid	16.5	Oil in Water	0	x	x
<b>Rdiasurf 7147</b>	Polysorbate 60	Liquid	15.5	Oil in Water	0	x	x
<b>Rodiacid 0152</b>	Stearic Acid	Solid	15.0	Oil in Water	1	x	x
<b>Rdiasurf 7640</b>	Glyceryl Stearate SE (8% K)	Solid	15.0	Oil in Water	1	x	x
<b>Rdiasurf 7157</b>	Polysorbate 80	Liquid	14.9	Oil in Water	0	x	x
<b>Rdiamuls CITREM 2932K</b>	Glyceryl Stearate Citrate	Solid	13.5	Oil in Water	1	x	x
<b>Radia 7490</b>	Glyceryl Stearate (and) PEG-100 Stearate	Solid	11.0	Oil in Water	0.6	x	x
<b>Rdiasurf 7318</b>	PEG-7 Glyceryl Cocoate	Liquid	11.0	Oil in Water	0	x	x
<b>Rdiamuls POLY 2248K</b>	Polyglyceryl-3 Stearate	Liquid	9.0	Co-emulsiifier	1	x	x
<b>Radia 7489</b>	Glyceryl Stearate (and) PEG-30 Stearate	Solid	8.7	Oil in Water	0.7	x	x
<b>Rdiasurf 7125</b>	Sorbitan Laurate	Paste	7.6	Co-emulsiifier	1	x	x
<b>Rdiasurf 7141</b>	Glyceryl Stearate SE (3% Na)	Solid	5.5	Co-emulsiifier	1	x	x
<b>Rdiasurf 7908</b>	Glyceryl Laurate (90%)	Solid	5.2	Water in Oil	1	x	x
<b>Rdiasurf 7145</b>	Sorbitan Stearate	Solid	5.0	Water in Oil	1	x	x
<b>Rdiamuls MG 2918K</b>	Glyceryl Stearate (90%)	Solid	4.8	Co-emulsiifier	1	x	x
<b>Rdiasurf 7758</b>	Sorbitan Isostearate	Liquid	4.7	Water in Oil	1	x	x
<b>Rdiamuls Sorb 2156K</b>	Sorbitan Oleate	Liquid	4.7	Water in Oil	1	x	x
<b>Radia 7245</b>	Polyglyceryl-3 Diisostearate	Liquid	4.5	Water in Oil	1	x	x
<b>Jolee 7887</b>	Polyglyceryl-3 Polyricinoleate (and) Sorbitan Isostearate	Liquid	4.2	Water in Oil	1	x	x
<b>Rdiamuls POLY 2253K</b>	Polyglyceryl-3 Polyricinoleate	Liquid	4.0	Water in Oil	1	x	x
<b>Rdiasurf 7903</b>	Glyceryl Oleate (90%)	Paste	3.5	Water in Oil	1	x	x
<b>Rdiasurf 7142</b>	Glyceryl Stearate (60%)	Solid	3.2	Co-emulsiifier	1	x	x
<b>Rdiasurf 7143</b>	Glyceryl Stearate (40%)	Solid	3.0	Co-emulsiifier	1	x	x
<b>Rdiasurf 7344</b>	Glyceryl Stearate (40%)	Solid	3.0	Co-emulsiifier	1	x	x
<b>Rdiasurf 7340</b>	Glyceryl Stearate (40%)	Solid	3.0	Co-emulsiifier	1	x	x
<b>Rdiasurf 7342</b>	Glyceryl Stearate (40%)	Solid	3.0	Co-emulsiifier	1	x	x
<b>Rdiasurf 7343</b>	Glyceryl Stearate (40%)	Solid	3.0	Co-emulsiifier	1	x	x
WATER IN OIL IN WATER EMULSIFIERS							
<b>Jolee 7777</b>	Polyglyceryl-3 Polyricinoleate (and) Glyceryl Oleate Citrate (and) Polyglyceryl-3 Diisostearate	Liquid	6.0	Multiple WOW emulsions	1	x	



	SKIN CARE		HAIR CARE	SUN CARE		COLOR			CLEANSER	
	Face & Body	Baby	Conditioner & treatments	Organic sunscreens	Inorganic sunscreens	Foundation	Mascara	Lipcare	Skin rinse-off	Shampoo
<b>EMULSIFIERS</b>										
TRADE NAME										
<b>Radiasurf 7137</b>	x	x	x	x	x				x	x
<b>Radiasurf 7147</b>	x	x	x	x	x		x		x	x
<b>Radiacid 0152</b>	x	x	x	x	x				x	x
<b>Radiasurf 7640</b>	x	x	x	x	x				x	x
<b>Radiasurf 7157</b>	x	x	x	x	x				x	x
<b>Rdiamuls CITREM 2932K</b>	x	x	x	x	x				x	x
<b>Radia 7490</b>	x	x	x	x	x				x	x
<b>Radiasurf 7318</b>	x	x	x	x	x				x	x
<b>Rdiamuls POLY 2248K</b>	x	x	x	x	x				x	x
<b>Radia 7489</b>	x	x	x	x	x				x	x
<b>Radiasurf 7125</b>	x	x	x	x	x				x	x
<b>Radiasurf 7141</b>	x	x	x	x	x				x	x
<b>Radiasurf 7908</b>	x	x	x	x	x				x	x
<b>Radiasurf 7145</b>	x	x	x	x	x	x			x	x
<b>Rdiamuls MG 2918K</b>	x	x	x	x	x				x	x
<b>Radiasurf 7758</b>	x	x	x	x	x	x		x	x	x
<b>Rdiamuls Sorb 2156K</b>	x	x	x	x	x	x			x	x
<b>Radia 7245</b>	x	x	x	x	x	x	x	x	x	x
<b>Jolee 7887</b>	x	x	x	x	x	x			x	x
<b>Rdiamuls POLY 2253K</b>	x	x	x	x	x	x			x	x
<b>Radiasurf 7903</b>	x	x	x	x	x	x			x	x
<b>Radiasurf 7142</b>	x	x	x	x	x				x	x
<b>Radiasurf 7143</b>	x	x	x	x	x				x	x
<b>Radiasurf 7344</b>	x	x	x	x	x				x	x
<b>Radiasurf 7340</b>	x	x	x	x	x				x	x
<b>Radiasurf 7340</b>	x	x	x	x	x				x	x
<b>Radiasurf 7343</b>	x	x	x	x	x				x	x
<b>WATER IN OIL IN WATER EMULSIFIERS</b>										
<b>Jolee 7777</b>	x	x		x	x	x				

<sup>1</sup> Natural Origin Index. Calculation based on molecular weight.

## PRODUCT OVERVIEW

HUMECTANTS						
TRADE NAME	INCI	PHARMA <sup>3</sup>	PHYSICAL STATE	NOI (ISO 16128) <sup>1</sup>	CHINA REGISTRATION	
					Cosmetic (IECIC)	Chemical (IECSC)
<b>Glycerine 4810</b>	Glycerin	EP - USP - JP	Liquid	1	x	x
<b>Glycerine 4811</b>	Glycerin		Liquid	1	x	x
<b>Radianol 4710</b>	Propylene Glycol		Liquid	1	x	x



	SKIN CARE		HAIR CARE	SUN CARE		COLOR			CLEANSER	
	Face & Body	Baby	Conditioner & treatments	Organic sunscreens	Inorganic sunscreens	Foundation	Mascara	Lipcare	Skin rinse-off	Shampoo
<b>HUMECTANTS</b>										
TRADE NAME										
<b>Glycerine 4810</b>	x	x	x	x	x	x	x	x	x	x
<b>Glycerine 4811</b>	x	x	x	x	x	x	x	x	x	x
<b>Radianol 4710</b>	x	x	x	x	x	x	x		x	x

<sup>1</sup> Natural Origin Index. Calculation based on molecular weight.  
<sup>3</sup> Compliant to the monographs of the relevant pharmacopoeia.

USP : US Pharmacopoeia  
EP : European Pharmacopoeia  
JP : Japanese Pharmacopoeia

