

Polyaldo® Polyglyceryl Esters for Personal Care Formulations Naturally-Derived Ester Chemistries



Manufactured Using Natural, Renewable Resources

Polyaldo® polyglyceryl esters are multifunctional ingredients for today's personal care formulations. Manufactured using natural, renewable resources, Lonza's Polyaldo® polyglycerol esters are PEG-free alternatives and free of 1,4-dioxane and any of its precursors. Many of the Polyaldo® ingredients are ECOCERT approved and certified Kosher Food Grade and Halal.

Product Tradename	INCI Designation	Product Form @ 25°C	HLB Value	Unique Feature	Efficacy Testing	Certification	China Approval
Polyaldo® 10-10-0*	Polyglyceryl-10 Decaoleate	Liquid	3.2	Low HLB ester emollient with good moisture retention, excellent pigment dispersion properties	Skin Occlusivity, Pigment Wetting	Ecocert, Kosher Food Grade, Halal	Yes
Polyaldo® 3-1-S*	Polyglyceryl-3 Stearate	Granules	7.0	O/W emulsifier	–	Ecocert, Kosher Food Grade, Halal	Yes
Polyaldo® 6-2-S	Polyglyceryl-6 Distearate	Waxy Solid	7.7	O/W emulsifier with moisturization benefits	Skin Moisturization	Ecocert, Kosher Food Grade, Halal	Yes
Polyaldo® 10-1-S	Polyglyceryl-10 Stearate	Pastille	10.5	O/W emulsifier, hair conditioning attributes	Hair Conditioning	Ecocert, Kosher Food Grade, Halal	Yes
Polyaldo® 10-2-P	Polyglyceryl-10 Dipalmitate	Pastille	11.2	O/W emulsifier	–	Ecocert, Kosher Food Grade, Halal	Yes
Polyaldo® 10-1-0	Polyglyceryl-10 Oleate	Viscous Liquid	12.5	O/W emulsifier with long-lasting moisturization benefits; surfactant rheology modifier	Skin Moisturization Surfactant Thickening	Ecocert, Kosher Food Grade, Halal	Yes
Polyaldo® 10-1-CC	Polyglyceryl-10 Caprylate/Caprato	Liquid	14.8	Mild surfactant with excellent foam boosting properties, reduce surfactant penetration into SC	Flash Foaming, Irritation (<i>in-vitro</i> skin & eye), Skin Penetration	Ecocert, Kosher Food Grade, Halal	No
Polyaldo® 10-1-L*	Polyglyceryl-10 Laurate	Viscous Liquid	15.4	Mild surfactant	–	–	Yes

*Made to Order

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