



PRODUCT CATALOG

GUANGRUN TECHNOLOGY

CATALOG

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PRODUCT LIST

ISOMERIC® ALCOHOL SERIES

ISOMERIC® 12 ALCOHOL
INCI: BUTYLOCTANOL
ISOMERIC® 16 ALCOHOL
INCI: HEXYLDECANOL
ISOMERIC® 18 ALCOHOL
INCI: OCTYLDECANOL
ISOMERIC® 20 ALCOHOL
INCI: OCTYLDODECANOL
ISOMERIC® 24 ALCOHOL
INCI: DECYLTETRADECANOL
ISOMERIC® 28 ALCOHOL
INCI: DODECYLHEXADECANOL
ISOMERIC® 32 ALCOHOL
INCI: TETRADECYLOCTADECANOL

ISOMERIC® ESTER SERIES

ISOMERIC® ESTER ODM

INCI: OCTYLDODECYL MYRISTATE

ISOMERIC® ESTER TODC

INCI: TRIOCTYLDODECYL CITRATE

ISOMERIC® ESTER LG-2

INCI: PHYTOSTERYL/OCTYLDODECYL
LAUROYL GLUTAMATE

ISOMERIC® MALATE 808V

INCI: DIISOSTEARYL MALATE

ISOMERIC® ESTER TISC

INCI: TRIISOSTEARYL CITRATE

ISOMERIC® ESTER ODL

INCI: OCTYLDODECYL LACTATE

ISOMERIC® ESTER ODN

INCI: OCTYLDODECYL NEOPENTANOATE

ISOMERIC® ESTER ININ

INCI: ISONONYL ISONONANOATE

ISOMERIC® ETHER

ISOMERIC® ETHER OD-16

INCI: OCTYLDODECETH-16

ISOMERIC® ETHER OD-20

INCI: OCTYLDODECETH-20

ISOMERIC® ETHER OD-25

INCI: OCTYLDODECETH-25

ISOMERIC® ACID

ISOMERIC® 12 ACID

INCI: BUTYLOCTANOIC ACID

ISOMERIC® 16 ACID

INCI: HEXYLDECANOIC ACID

G-RUN PUREMOIST SERIES

PUREMOIST 1,2-HEXANEDIOL

INCI: 1,2-HEXANEDIOL

PUREMOIST PENTYLENE GLYCOL

INCI: PENTYLENE GLYCOL



GUERBET ALCOHOL



Introduction

G-RUN ISOMERIC® alcohols are a class of saturated primary alcohols with two alkyl groups that are 100% straight-chain alkyl groups and well-defined carbon-chain branching. Chemically, they are described as 2-alkyl-1-alkanols and are also known as Guerbet alcohols. Guerbet alcohols belong to saturated primary alcohols. Compared with unsaturated alcohols of a similar carbon-chain length, Guerbet alcohols exhibit more excellent oxidation and color stability. When compared with straight-chain alcohols of the same molecular weight, the most prominent feature of Guerbet alcohols is that they remain liquid at room temperature, have a lower freezing point. At the same time, the double 100% straight-chain alkyl groups of Guerbet alcohols result in lower viscosity and better biodegradability. The unique chemical structure of Guerbet alcohols also provides good solubility and dissolution properties.



ISOMERIC® ALCOHOL SERIES

Product Name	Description
ISOMERIC® 16 ALCOHOL INCI: HEXYLDECANOL	Product Features It can be used as an emulsifier and a humectant. At the same time, it can produce an antagonistic effect with the proteasome inhibitor MG312, activate the activity of the ubiquitin-proteasome system, thereby inhibiting the production of melanin, reducing skin pigmentation, and achieving a long-lasting whitening effect. It combines two functions in one. It can be used in combination with whitening ingredients such as polypeptides, niacinamide, and ascorbic acid derivatives for better results.
	Applications Moisturizing lotion Body wash Oil-in-water soft cream Cleansing lotion Anti-wrinkle cream Skin lotion Moisturizing lip balm Color cosmetics

Product Name	Description
ISOMERIC® 20 ALCOHOL INCI: OCTYLDODECANOL	Product Features A moisturizing ingredient with medium spreading properties, it can endow skin care products, lip care products, and color cosmetics with a smooth and non-greasy skin feel. Its low freezing point and pour point characteristics effectively enhance the low-temperature stability of the formulation. At the same time, it has excellent heat resistance, ensuring the quality stability of products under temperature changes. This ingredient has an excellent dispersing and wetting effect on color powders, which can enhance the texture performance of color cosmetics and sunscreen products. Its strong dissolving power is compatible with fat-soluble active substances (such as salicylic acid) and organic sunscreen agents, and its high permeability can synergistically promote the absorption of other active ingredients.
	Applications Lipstick Lip balm Lip gloss Liquid lipstick Face cream Moisturizing cream Skin lotion

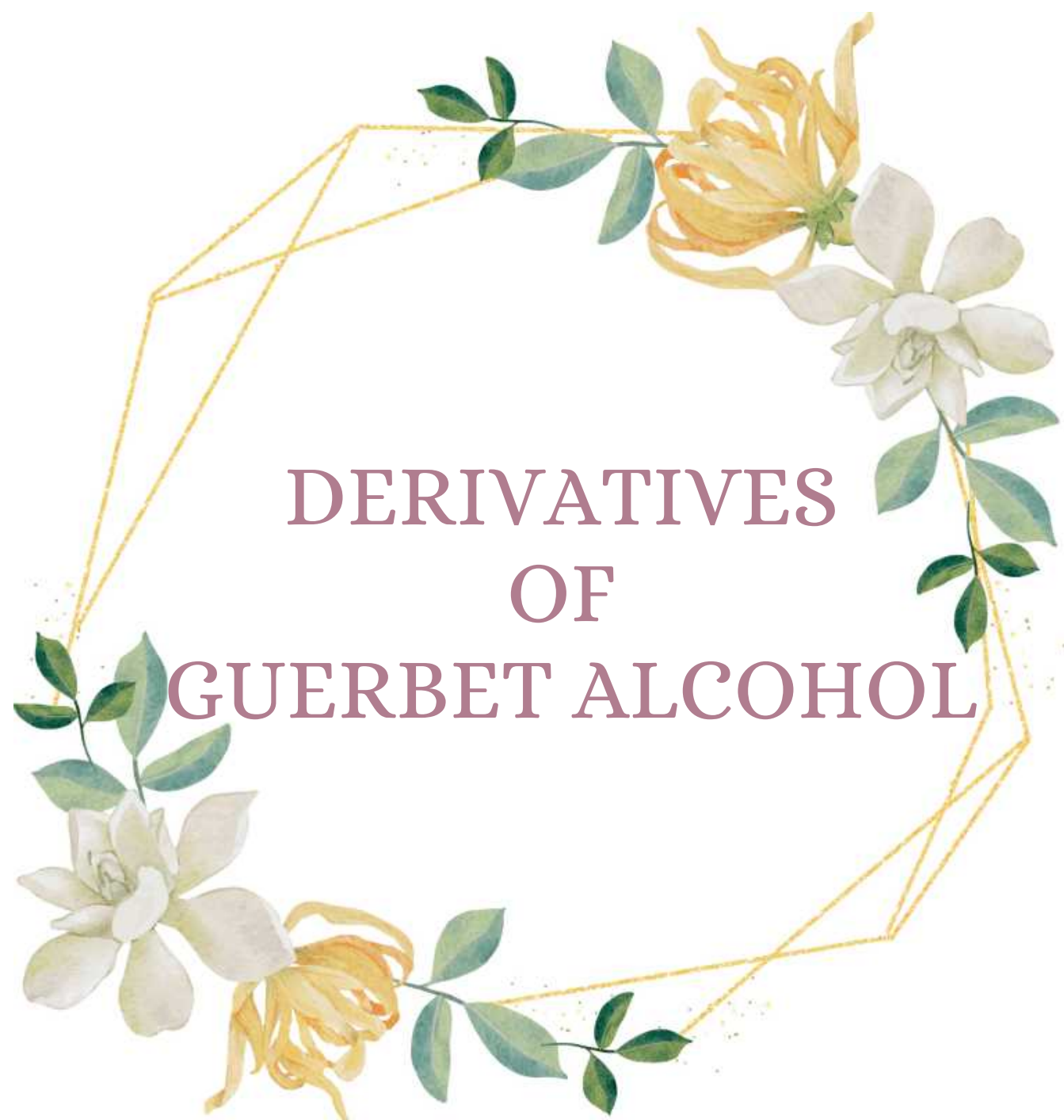




ISOMERIC® ALCOHOL SERIES

Product Name	INCI	Form	Features
ISOMERIC® 12 ALCOHOL	BUTYLOCTANOL	Liquid	<ul style="list-style-type: none">• Branched• Good performace humectant and solvent• light and non-greasy emollient
ISOMERIC® 16 ALCOHOL	HEXYLDECANOL	Liquid	<ul style="list-style-type: none">• Branched• Provide good permeability and suitable for a wide pH range solvent• An emollient with good spreadability
ISOMERIC® 18 ALCOHOL	OCTYLDECANOL	Liquid	<ul style="list-style-type: none">• Branched• Provide good permeability and suitable for a wide pH range solvent• An emollient with good spreadability
ISOMERIC® 20 ALCOHOL	OCTYLDODECANOL	Liquid	<ul style="list-style-type: none">• Branched• Silky-touch emollient with good spreadability• Provide good permeability and suitable for a wide pH range solvent
ISOMERIC® 24 ALCOHOL	DECYLTETRADECANOL	Liquid	<ul style="list-style-type: none">• Branched• Provide good permeability and suitable for a wide pH range solvent• An emollient with good spreadability
ISOMERIC® 28 ALCOHOL	DODECYLHEXADECANOL	Solid	<ul style="list-style-type: none">• Branched• Deeply nourishing moisturizer/emollient• Suitable for a wide pH range• Consistency regulator
ISOMERIC® 32 ALCOHOL	TETRADECYLOCTADECANOL	Solid	<ul style="list-style-type: none">• Branched• Emollient• Suitable for a wide pH range• Consistency regulator





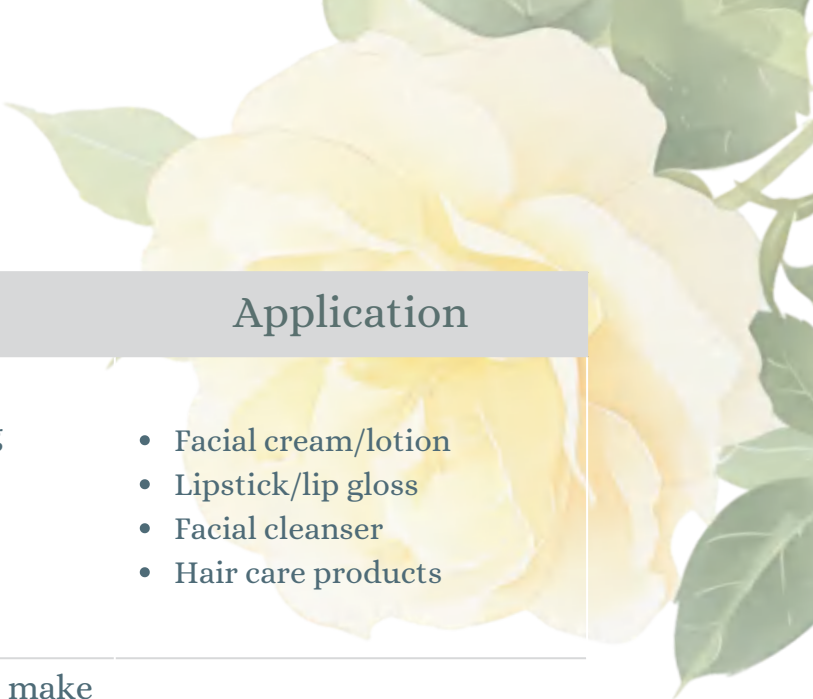
DERIVATIVES OF GUERBET ALCOHOL

Introduction

G-RUN ISOMERIC® alcohols can serve as raw materials for a variety of derivatives, and excellent properties are still retained after the reaction.

Here are some derivatives of G-RUN ISOMERIC® alcohols: fatty acid esters, alkyl polyethylene glycol ethers, acrylates, carboxylic acids, etc.

ISOMERIC® ESTER SERIES



Product Name	INCI	Form	Features	Application
ISOMERIC® ESTER ODM	OCTYLDODECYL MYRISTATE	Liquid	<ul style="list-style-type: none">• Emollient with excellent skin affinity, non-greasy• Branched-chain saturated fatty acid with outstanding dispersing properties• Enhancing product shine and moisturizing feel• Superior moisturizing oil compared to jojoba oil• Low-viscosity emollient oil, acts as a softening agent	<ul style="list-style-type: none">• Facial cream/lotion• Lipstick/lip gloss• Facial cleanser• Hair care products
ISOMERIC® ESTER TODC	TRIOCTYLDODECYL CITRATE	Liquid	<ul style="list-style-type: none">• Excellent spreadability, dispersibility, and wettability make it suitable for use in lipsticks and pressed powders• Can be used as a pigment dispersant or an emollient• Can be used as an inorganic UV filter to enhance the SPF value	<ul style="list-style-type: none">• Facial cream• Lipstick / Lip gloss• Foundation• Sunscreen
ISOMERIC® ESTER LG-2	PHYTOSTERYL/OCTYLDODECYL LAUROYL GLUTAMATE	Liquid	<ul style="list-style-type: none">• Form lamellar liquid crystals and provide skin barrier protection• Have good moisturizing effects	<ul style="list-style-type: none">• Sunscreen products• Skin/hair care products• Makeup products• Cleansing products
ISOMERIC® MALATE 808V	DIISOSTEARYL MALATE	Liquid	<ul style="list-style-type: none">• Ideal for binder and pigment dispersion• can be used in lipsticks and lip glazes to enhance the luster and smoothness of the products• prevent sweating of lipsticks and foundations	<ul style="list-style-type: none">• Facial cream / lotion• Lipstick / lip gloss• Facial cleanser• Hair care products
ISOMERIC® ESTER TISC	TRIISOSTEARYL CITRATE	Liquid	<ul style="list-style-type: none">• Ideal for binder and pigment dispersion• can be used in lipsticks and lip glazes to enhance the luster and smoothness of the products• prevent sweating of lipsticks and foundations	<ul style="list-style-type: none">• Facial cream / lotion• Lipstick / lip gloss• Facial cleanser• Hair care products
ISOMERIC® ESTER ODL	OCTYLDODECYL LACTATE	Liquid	<ul style="list-style-type: none">• An emollient with low viscosity and high polarity	<ul style="list-style-type: none">• Facial cream• Lipstick• Foundation
ISOMERIC® ESTER ODN	OCTYLDODECYL NEOPENTANOATE	Liquid	<ul style="list-style-type: none">• Humectants, emollients• Can be used as a sunscreen agent to increase the sun protection factor (SPF)• High-quality binder, can be used in powder compacts	<ul style="list-style-type: none">• Sunscreen• Powder products / matte finish cosmetics• Facial cream / lotion
ISOMERIC® ESTER ININ	ISONONYL ISONONANOATE	Liquid	<ul style="list-style-type: none">• An emollient with a silky and refreshing touch	<ul style="list-style-type: none">• Facial cream/lotion• Foundation• Oil-based facial cleanser• Sunscreen



ISOMERIC® ETHER SERIES

Product Name	INCI	Form	Features	Application
ISOMERIC® ETHER OD-16	OCTYLDODECETH-16	Soft waxy Solid	<ul style="list-style-type: none">• Emulsifier, solubilizer, HLB 12• The branched structure endows it with a low melting point, stronger cleansing power, and at the same time enhances the skin feel and moisturization after washing.• Microemulsion products, bicontinuous phase products• It has excellent solubility for triglycerides. While washing away triglycerides, it can better reduce the production of nonenal, called "aging odor".	<ul style="list-style-type: none">• Facial cream/lotion
ISOMERIC® ETHER OD-20	OCTYLDODECETH-20	Waxy Solid	<ul style="list-style-type: none">• Emulsifier, solubilizer, HLB 13• The branched structure endows it with a lower melting point compared to the straight-chain structure.	<ul style="list-style-type: none">• Facial cream/lotion
ISOMERIC® ETHER OD-25	OCTYLDODECETH-25	Waxy Solid	<ul style="list-style-type: none">• Emulsifier, solubilizer, HLB 14• The branched structure endows it with a lower melting point compared to the straight-chain structure.	<ul style="list-style-type: none">• Facial cream/lotion

ISOMERIC® ACID SERIES

Product Name	INCI	Form	Features
ISOMERIC® 12 ACID	BUTYLOCTANOIC ACID	Liquid	<ul style="list-style-type: none">• Good oxidation stability, with unchanged chemical properties at high temperatures. It has a branched structure and is an excellent raw material for modified synthetic esters.
ISOMERIC® 16 ACID	HEXYLDECANOIC ACID	Liquid	<ul style="list-style-type: none">• Good oxidation stability, with unchanged chemical properties at high temperatures. It has a branched structure and is an excellent raw material for modified synthetic esters.



PUREMOIST

GUANGRUN TECHNOLOGY

Introduction

G-RUN PUREMOIST SERIES are multifunctional ingredients commonly used in cosmetics and skincare formulations. They primarily act as humectants, helping to retain moisture and improve skin hydration. Additionally, they function as mild preservatives and antimicrobial agents, enhancing product shelf life by inhibiting microbial growth. Their solvent properties aid in dissolving other ingredients, ensuring formulation stability.

G-RUN PUREMOIST SERIES

Product Name	PureMoist 1,2-HEXANEDIOL
INCI	1,2-HEXANEDIOL
Form	Liquid
Features	1.Enhances the efficacy of cosmetic preservation systems to ensure long-term product stability. 2.A water-soluble, multifunctional liquid ingredient that combines emollient, moisturizing, and solubilizing triple benefits. 3.Gentle and skin-friendly, suitable for all skin types, including sensitive skin.
Application	Creams、 Lotions、 Color Cosmetics、 Face Masks

Product Name	PureMoist PENTYLENE GLYCOL
INCI	PENTYLENE GLYCOL
Form	Liquid
Features	1.Exceptional moisturizing performance that effectively locks in moisture and enhances skin hydration. 2.Outstanding broad-spectrum antimicrobial activity with natural antibacterial action; synergizes with traditional preservatives to significantly boost preservation efficacy while reducing preservative usage, thereby minimizing skin irritation. 3.Significantly improves water resistance in sunscreen products, enhancing their long-lasting protective performance.
Application	Moisturizing Cream、 Face Cream、 Toner、 Baby care products、 Sunscreen



GUANGRUN TECHNOLOGY

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