

Create Lightness Without Losing Performance

Modern makeup and anhydrous formulas need elegant spread, quick dry-down, and minimal residue. Isododecane (Germany) helps formulators build breathable, non-sticky products with a lighter sensory profile.

- Targets primers, foundations, mascaras, and anhydrous systems
- Supports oil-free elegance and lightweight positioning
- Helps reduce greasy or sticky after-feel
- Builds a smoother application story for color cosmetics

A Fast-Evaporating Route to Weightless Feel

Isododecane (Germany) is a clear, oil-soluble hydrocarbon emollient and solvent designed for fast-spreading, quick-dry cosmetic systems. Its volatile profile helps formulas feel lighter after application.

- ✓ Ultra-lightweight volatile emollient and solvent
- ✓ Improves slip, spread, and clean dry-down
- ✓ Helps replace heavier oils in low-oil systems
- ✓ Especially useful in makeup and anhydrous formats

INGREDIENTS

INCI name:
Isododecane

APPLICATIONS

- Mascara
- Eyeliner
- Makeup Remover
- Creams
- Lotions
- Suncare Preparations
- Hair Care
- Hair Conditioners
- Aerosol and Non-Aerosol Sprays

Five Benefits Formulators Can Sell

The ingredient turns technical volatility into customer-facing benefits: lighter feel, smoother spreading, quicker dry-down, and water-repellent support for performance cosmetics.

- Weightless sensory profile with less sticky residue
- Solvent, carrier, disperser, and spreader role
- Oil-free and low-oil formulation positioning
- Water-repellent support for makeup systems
- Flexible fit for color and care formats

Built for Makeup, Color, and Anhydrous Formats

Isododecane (Germany) fits formula types where quick spreading, water-repellent performance, and a clean dry-down matter most. It supports elegant application across face, eye, lip, and treatment-inspired concepts.

- Primer, foundation, and concealer for lightweight complexion feel
- Mascara, eye shadow, and brush-on products for quick dry-down
- Lip and color bases for improved glide with less greasy residue
- Anhydrous Vitamin C concepts needing oil-free elegance



Easy to Use in Oil-Compatible Systems

For adoption, the ingredient is straightforward: use it in oil-phase or anhydrous systems, add it late, and keep processing cool where possible. This helps formulators preserve its quick-evaporating sensory advantage.

- Soluble in oils, ethanol, silicones, hydrocarbons, and isoparaffins
- Not soluble in water
- Recommended dosage: 25.00%; technical range: 0.10–100.00%
- Practical usage guidance: 1–25%
- Add at the last step; avoid temperature above 40°C

Choose the Right Hydrocarbon Feel

Isododecane is the lightest and volatile option in the hydrocarbon emollient family. The selection logic helps formulators choose between fast evaporation and longer-lasting non-volatile softness.

- Isododecane: lightest weight, volatile, helps formulas blend well
- Isohexadecane: slightly heavier, non-volatile, light and smooth
- Isoeicosane: slightly heavier than Isohexadecane, non-volatile



- Choose Isododecane when quick dry-down is the priority

Proof for Safe Sensory Positioning

The research base supports the core customer story: Isododecane belongs in solvent/emollient systems, while volatile emollients and sensory science help build credible light-feel positioning.

- Supports solvent/emollient use with reviewed cosmetic skin safety at current use levels. Citation: Johnson W Jr et al.
- Supports lightweight, non-greasy sensory positioning by linking volatile emollient structure to functional performance. Citation: Goussard V, Aubry JM, and Nardello-Rataj V.
- Supports light skin-feel claim-building by showing emollients can be differentiated by spreadability, residue, stickiness, softness, and oiliness. Citation: Parente ME, Gámbaro A, and Solana G.

Hydrocarbon Evidence Builds Moisture Credibility

Broader hydrocarbon emollient literature helps strengthen the ingredient-family story for comfort and barrier-support positioning in formulas that include emollient or occlusive components.

☰ Supports hydrocarbon emollient category credibility by showing mineral oil improves skin softness, barrier function, and reduces transepidermal water loss. Citation: Rawlings AV and Lombard KJ.

☰ Supports moisturizer-component positioning by recognizing hydrocarbon occlusives as components that help reduce water loss and support barrier protection. Citation: Kang SY, Um JY, Chung BY, Lee SY, Kim JC, Park CW, and Kim HO.

Launch Concepts Customers Can Build

Isododecane (Germany) gives product developers a practical route to lightweight, quick-dry, water-repellent, and non-sticky product stories across high-demand cosmetic formats.



- Weightless Soft-Focus Primer for smooth makeup-ready feel

- Water-Repellent Mascara or Eye Makeup for quick dry-down

- Anhydrous Vitamin C Serum with reduced sticky after-feel

- Long-Wear Foundation or Concealer with lighter comfort

- Ultra-Light Lip or Color Base with improved glide

Why Choose Isododecane (Germany)

Choose Isododecane (Germany) when the formula needs a clean, fast-evaporating solvent/emollient that improves application elegance while helping reduce heavy residue. It is especially valuable for makeup, anhydrous, oil-free, and lightweight cosmetic positioning.

- ✓ Germany-made clear liquid cosmetic ingredient
- ✓ Sum of C12 hydrocarbons: > 98 %wt
- ✓ Water: < 0.005 %wt and aromatics: < 0.005 %wt
- ✓ Room-temperature long-term storage: 25–40°C
- ✓ Shelf life: 60 months from manufacturing or testing date