

EMOLLIENT • LIGHT ESTER

ASIRAW GLIDEX DC

INCI NAME

Dicaprylyl Carbonate

CAS NO.

1680-31-5

PACKING

50 kg / drum

◆ GENERAL INFORMATION

ASIRAW GLIDEX DC is a light, low-polarity emollient oil with a moderate molecular weight. It spreads easily on the skin, delivers conditioning properties and emulsifies readily, giving fine, evenly distributed and stable emulsion droplets. It is an effective solvent for organic UV filters and a dispersant for inorganic sunscreens, helping to boost SPF while reducing greasiness. Gentle on skin and mucosa, it leaves a velvety, powder-like after-feel and improves the performance of emulsion-based facial cleansers.

◆ SPECIFICATION

PARAMETER	TYPICAL VALUE
Appearance (25 °C)	Transparent oily liquid
Odor	Characteristic
Acid value (mg KOH/g)	≤ 0.2
Viscosity (mPa·s)	6 – 8
Cloud point (°C)	-20 – 0
Refractive index (20 °C)	1.435 – 1.437
Density (g/cm ³ , 20 °C)	0.890 – 0.893
Purity, DOC (GC, %)	≥ 96.0

* Typical values for guidance only — not to be used as product specification.

◆ KEY BENEFITS

- Light oil with excellent spreadability and skin conditioning
- Low polarity, easy to emulsify into fine, stable emulsions
- Solvent for organic UV filters, dispersant for mineral filters and pigments
- Boosts SPF performance and reduces the greasy feel of sunscreens
- Excellent skin compatibility, low irritation to skin and mucosa
- Velvety skin feel with a powdery finish

◆ APPLICATIONS

Creams & lotions

Sunscreens

Skin care

Baby care

Cleansing products

◆ DOSAGE

1.0 – 5.0 % Recommended use level

◆ STORAGE & HANDLING

Standard packing 50 kg / drum

Storage Keep container tightly closed in a cool, dry and well-ventilated place.

Shelf life 24 months (unopened)

ASIRAW • Cosmetic & Dermo-Cosmetic Ingredients

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