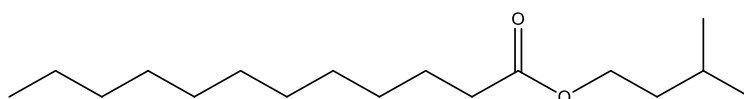


Technical Data Sheet

Sunfat IAL

Isoamyl laurate
CAS# 6309-51-9



Mol. wt. 270.45
Formula C₁₇H₃₄O₂

Description

Sunfat IAL is a colorless to pale yellow oily liquid. As a natural (Ecocert approved) derived silicone substitute, it is light, soft, silky and non-sticky. Sunfat IAL is used in a variety of skin care, color cosmetics and hair care applications.

Specifications

Item	Specification
Appearance	Colorless to almost colorless liquid
Purity (% by GC)	≥97
Color (APHA)	≤10
Specific gravity (25°C)	0.850 ~ 0.870
Refractive index (20°C)	1.4340 ~ 1.4390
Acid Value (mg KOH/g)	≤0.2
Moisture (%)	≤0.5

Applications

It can be applied to various cosmetic products such as skin & hair care products, and also for color cosmetics.

Storage

Stored in tightly closed containers at room temperatures below 30°C in a dry place.
Characteristics of the product are reversibly changed when falling below -10°C or exceeding 40°C.

Shelf Life 2 years