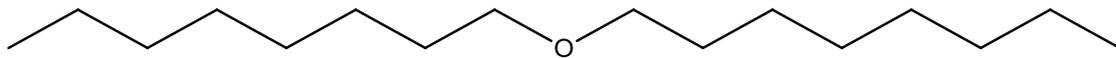


Technical Data Sheet

Sunfat DOE

Dicaprylyl Ether
 CAS# 629-82-3



Mol. wt. 242.44
 Formula C₁₆H₃₄O

Description

Sunfat DOE is a plant based diester of carbonic acid and caprylyl alcohol. It is a colorless, almost odorless and has liquid appearance at room temperature. It can be used as a skin conditioning agent, emollient and solvent to enhance the absorption of other ingredients in various cosmetic formulations. It does not leave stickiness and gives soft and smooth feeling of use.

Specifications

Item	Specification
Appearance	Clear Liquid
Odor	Characteristic
Assay (%)	≥ 96.0
Color (APHA)	≤ 10
Water (%)	≤ 0.1
Acid value (mg KOH/g)	≤ 0.1
Saponification value (mg KOH/g)	≤ 2.0
Hydroxyl value (mg KOH/g)	≤ 1.0
Peroxide value (me q/kg)	≤ 1.0

Applications

It can be applied to various cosmetic products such as facial & body care products, sunscreen 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