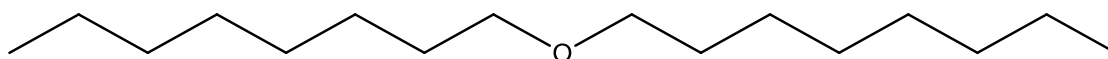


# Technical Data Sheet

## Sunfat DOE

Dicaprylyl Ether

CAS# 629-82-3



Mol. wt. 242.44

Formula C<sub>16</sub>H<sub>34</sub>O

### 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