

Technical Data Sheet

Sunfat MCT

Caprylic / Capric Triglyceride

CAS# 65381-09-1

Description

Sunfat MCT is a combined triester, a blend of capric and caprylic acids. It is also known as fractionated coconut oil. Its most popular use is as an emollient (for calming, and softening out the skin), due to the fact that it is capable of rapid penetration. It is also very commonly found in vitamins, as it is an effective dispersing agent.

Specifications

Item	Specification
Appearance	Clear colorless liquid
Acid value (mg KOH/g)	Max. 0.1
Saponification value (mg KOH/g)	325 ~ 345
Iodine value (g/100g)	Max. 0.5
Hydroxyl value (mg KOH/g)	Max. 5
Peroxide value (meq/kg)	Max. 0.2
Color (Lovibond 5 1/4" Cell, yellow)	Max. 2.0
Color (Lovibond 5 1/4" Cell, red)	Max. 0.5
Color (APHA)	Max. 50
Moisture (%)	Max. 0.15
C8 Fatty acid (%)	55 ~ 65
C10 Fatty acid (%)	35 ~ 45
Other fatty acid (%)	Max. 3

Applications

Sunfat MCT has excellent stability of oxidation, and its shelf life is generally considered to be indefinite, with no real limits. It is known for not having any taste, scent or color whatsoever. It is a very popular ingredient in many skin products and soaps.

Storage

Keep container tightly sealed. Protect from heat and direct sunlight.

Shelf life

3 years