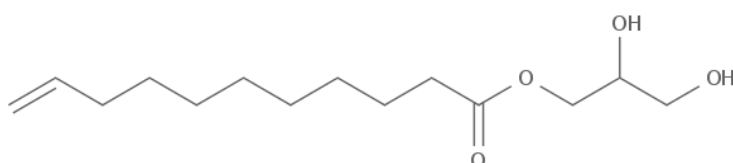


Technical Data Sheet

Sunfat MGU

Glyceryl Undecylenate
CAS# 123759-97-7



Mol. wt. 258.35
Formula C₁₄H₂₆O₄

Description

Sunfat MGU is an ester of glycerin and undecylenic acid which can be derived from plant seed oil or oily waxes. For cosmetics products, it is generally used as an emulsifier but also shows anti-microbial property. It has skin and hair conditioning properties.

Specifications

Item	Specification
Appearance	Light yellowish liquid or paste
Color (Gardner)	≤ 2
Acid value (mgKOH/g)	≤ 10
Saponification value(mgKOH/g)	200 ~ 300
Hydroxyl value(mgKOH/g)	200 ~ 450
Moisture (%)	≤ 0.5
Heavy metals (ppm)	≤ 20
Arsenic (ppm)	≤ 2

Applications

It can be applied to various kinds of cosmetics like cream, emulsion, hair conditioner, soap, make-up products, etc.

Storage Keep airtight container in a dark cool place

Shelf Life 2 years