

Technical Data Sheet

Sunfat OT-PG10

Polyglyceryl-10 Oleate

CAS# 9007-48-1

Description

Sunfat OT-PG10 is plant sourced polyglyceryl ester. It has excellent moisturizing performance with the effect of emulsification, dispersion, stabilization and viscosity control, it can substitute for PEG as emollient. Since it has a lot of excellent features such as green safe, non-stimulation to the skin, good water solubility, it is widely used in cosmetics.

Specifications

| Item | Specification |
|---------------------------------------|----------------|
| Color | Light yellow |
| Appearance | Viscous liquid |
| Acid Value (mg·KOH/g) | ≤ 6 |
| Iodine Value (g·I ₂ /100g) | ≥ 15 |
| Saponification (mg·KOH/g) | ≤ 165 |
| Lead Value (Pb, mg/kg) | ≤ 2.0 |

Function

- Emollient
- Emulsifier
- Dispersant
- Stabilizer

Application

Cosmetics Used as a moisturizer and stabilizer in skin care formulations.
 Used in gel-cleansers, bath salts.

Storage

Store separately from oxidizers.
 Store away from heat and sources of ignition.
 Store in a tightly closed container.

Shelf Life

2 years