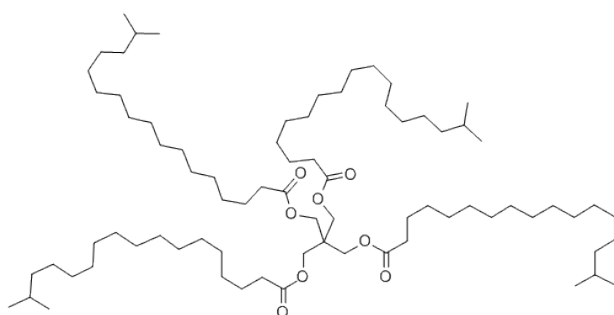


Technical Data Sheet

Sunfat PTIS

Pentaerythrityl Tetraisostearate

CAS# 62125-22-8



Mol. wt. 1201.99
Formula C₇₇H₁₄₈O₈

Feature

- Good air permeability
- Alternative to castor oil
- Non-comedogenic, Non-irritant
- Provides high glossy film

Description

Sunfat PTIS is a high molecular weight, branched chain ester. It has a long-lasting and lubricious skin feel. A liquid emollient derived from isostearic acid that gives a rich, cushiony skin-feel and unusually high levels of gloss. It also has film-forming abilities but without leaving a sticky residue and it aids long-lasting and water-resistant properties. All this makes Sunfat PTIS an ideal emollient for long-lasting protective emulsions, like lip balms.

Specifications

Item	Specification
Appearance	Pale yellow liquid
Color (APHA)	Max. 100
Acid Value (mg KOH/g)	Max. 1.0
Iodine Value (g I ₂ /100g)	Max. 3.0
Saponification Value (mg KOH/g)	180.0 ~ 195.0
Moisture (%)	Max. 0.1
Refractive Index (20°C)	1.4675 ~ 1.4710

Applications It is applicable in make-up(lipsticks), barrier creams, massage creams.

Storage Store only in the original receptacle. Store away from oxidising agents.
Keep container tightly sealed. Protect from heat and direct sunlight.

Shelf Life 1 year