



PGLCP 102KC

Natural Sourced Emulsifier

PGLCP 102KC is a synthetic compound derived from polyglycerin and a fatty acid. The compound is vegetable in origin, making it biodegradable & toxicologically safe. PGLCP 102KC is commonly used as an emulsifier in cosmetic formula having excellent skin feeling properties due to its high substantiality and skin smoothening effect. PGLCP 102KC creates fine, creamy bubbles, especially when combined with anionic surfactants. It is an excellent thickener with good thermostable viscosity. PGLCP 102KC can be used as deoactive ingredient due to its reaction to gram-positive bacteria.

Description/General Characteristics

- Classification: Glyceryl esters and derivatives
- INCI Name: Polyglyceryl-2 Caprate
- CAS No.: 74504-65-7/ H.S Code: 3402.13-9000

Features/Benefits

- Non-ionic surfactant, viscous liquid
- Emulsifier with thickener & moisturizer
- Used as deoactive ingredient

Applications / Uses

- Moisturizer
- Body Lotion / Oil / Wash
- Facial Cleanser
- Shampoo
- EO Free Surfactant System

Typical properties

Subject	Specification
Appearance	Colorless, viscous liquid
Diglyceryl monocaprate (%)	67.5 min.
Acid Value (mgKOH/g)	5 max.
Saponification Value (mgKOH/g)	160-190.
Heavy Metals (ppm)	20 max.
Arsenic (ppm)	2 max.

Usage / How to use

- Recommended dosage:
Make-up 6-10%, Lotion 1-2%

Storage and Handling

- Packaging: 180kg Steel Drum(net weight basis)
- Shelf-Life: 2 years from manufacture date
- Keep in closed or covered containers when not in use.
- Store in cool(under 25 °C), Dry place with adequate ventilation. Do not store near heat or open flame.