#### PRODUCT INFORMATION SHEET

**KCI** 

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# PGI CP 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

# Facial Cleanser

Applications / Uses

Moisturizer

- 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%

Body Lotion / Oil / Wash

### 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.

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