

# TECHNICAL DATA SHEET

## PrzvFree® CE85

**Product No.:** 150014

### Introduction:

PrzvFree® CE85 contains Caprylyl Glycol and Ethylhexylglycerin, it has excellent broad-spectrum antibacterial effect, inhibit Gram-negative bacterium, Gram-positive bacterium, yeast and mould and can assist and enhance the resistance of formulation exposed in microorganism. In addition, it plays a moisturizing role in the formulation, and the property is moderate. PrzvFree® CE85 can be used in “preservative free” cosmetics products, which complies with international regulation and can be used worldwide. What’s more, it is compatible with most cosmetic ingredients and not affected by hydrolysis, temperature and pH. PrzvFree® CE85 can be used in cosmetic emulsion systems such as skin care creams and lotions, or in surface based products such as shower gels, bubble baths, and shampoos, and it is suitable for infants and young children toiletries.

### Composition:

INCI Name	CAS No.	EC No.
Caprylyl Glycol	1117-86-8	214-254-7
Ethylhexylglycerin	70445-33-9	408-080-2

### Specification:

Items	Specification
Appearance	Colorless clear liquid (> 20°C)
Odor	Characteristic
pH (100%)	4.0 - 7.0
Refractive Index (20°C)	1.4200 - 1.5340
Specific Gravity (20°C)	0.8600 - 1.0923
Sulfated ash	≤ 0.2%
Lead	≤ 10 mg/kg
Arsenic	≤ 2 mg/kg

Version: 3.0

Revision date: 2022.04.25

Mercury	≤ 1 mg/kg
Cadmium	≤ 5 mg/kg
Total plate count	≤ 100 cfu/g
Yeast & mould	≤ 100 cfu/g

**Application:**

Antibacterial, preservative, moisturizing and etc.

**Recommended Dosage:**

0.6 - 1.0%

**Storage:**

Store indoors, below 25°C and away from sources of heat. The product may be frozen under 15°C. Gently slightly heat to 40 - 45°C with mixing until material is homogeneous.

**Shelf life:**

2 years

**Package:**

1Kg, 5Kg, 10Kg, 20Kg, 25Kg

**Version information:**

Version 2.0: Add available data for control index of heavy metals, such as Lead, Arsenic, Mercury and Cadmium. Add available data for control index of microorganism, such as Total plate count and Yeast & mould.

Issued by: *Lilia* Inspector *Lily Wang* Issued Date: Apr. 25, 2022