

Technical Data Sheet

ZLEY®BIOCARE - ZCG

Basic Information:

- INCI: CAPRYLYL GLYCOL
- CAS: 1117-86-8
- Main component: 1,2-Octanediol
- Suggested usage amount: 0.2 - 6.4%
- Recommended usage: The usage of Caprylyl glycol is not limited by the pH range, in the formulation process, it can be mixed with water or oil phase, preferably soluble in water phase at at temperature (75°C)

Product Description:

Caprylyl Glycol is a highly effective viscosity regulator, moisturized agent, and skin conditioner. It uses as a moisturizer in cosmetics. Its compatibility with many cosmetic ingredients. Its pH-independent efficacy against bacteria makes it widely used in various personal care products, such as moisturizing creams, sunscreen, anti-aging, lip gloss, mascara, concealer, cleanser, and foundation. Used together with other alkyl diol preservatives, it has antibacterial activity. It can replace paraben esters and other undesirable preservatives.

Technical Indicators:

Inspection items	Technical index
Appearance	White solid
Purity (GC)	NLT 98.0%

Product Usage:

It is mainly used in cosmetics emulsification system such as cream, emulsion, shampoo, and other water alcohol system; Or for surfactant-based systems such as bath gels, bubble baths and shampoos, etc,

Packaging and Storage:

- Packaging: Closed packing with thickened double PE bags inside, and packed with carton barrel outside. 25KGS/Carton barrel
- Storage: Please store in a cool, dry and well-ventilated warehouse. Keep away from fire and heat source. The humidity in the storehouse should be no more than 85%. The package must be sealed and protected from moisture. It should be stored separately from inflammable materials and acids, and mixed storage should not be avoided. The storage area shall be equipped with suitable materials to hold the leakage. Check whether all labels are clear and leaky in real time. Shelf life is two years.

Disposal:

Although this product has almost no pollution to the environment, it is best not to discard it together with domestic garbage. Please contact the local environmental protection department for dealing with the product and container and dispose according to the common chemical treatment method. Do not pour large quantities of products into the groundwater system.

Transport Conditions:

Check whether the packaging container is complete and sealed, and keep it away from power supply, fire source and other parts during transportation. This product does not belong to hazardous goods or mixtures and can be transported according as general cargo.