

## Technical Data Sheet

### ZLEY®BIOCARE - ZEHG

#### Basic Information:

- INCI: Ethylhexylglycerin
- CAS: 70445-33-9
- Main component: 3-(2-ethylhexoxy)propane-1,2-diol
- Suggested usage amount: 0.2-2.0%
- Recommended usage: Soluble in water and oil.

#### Product Description:

Ethylhexylglycerin is a widely used antiseptic synergist with a moisturizing effect. It gives the skin a sense of joy. It also improves the broad spectrum of classic preservatives(such as phenoxyethanol), making the anti-corrosion system more effective and faster by reducing the surface tension of microbial cell walls and lower bacterial activity. The combination of Ethyl hexyl glycerol and EDTA-disodium is particularly effective for some formulations that are difficult to preserve(such as some high SPF sunscreen products and high oil phase lotions).

#### Technical Indicators:

Inspection items	Technical index
Appearance	Clear liquid
IOR	1.449~1.453
Density	0.95~0.97
Purity (HPLC)	NLT 99.0%
Color APHA	NMT 20

#### Product Usage:

As a special softening agent, humectant and wetting agent used for inhibiting the growth of microorganism, It can be used in various skin creams and surfactant-based products such as shower gels, foam powers and shampoos.

#### 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.