

## Technical Data Sheet

### ZLEY®BIOCARE - ZHD

#### Basic Information:

- INCI: 1,2-Hexanediol
- CAS: 6920-22-5
- Main component: Hexane-1,2-diol
- Suggested usage amount: 0.1 - 66.5%
- Recommended usage: Miscible in alcohols, soluble in most organic solvents.

#### Product Description:

1,2-Hexanediol uses as a moisturizer in cosmetics and skin care products. It is a polyol with an antibacterial effect and less irritation to the skin, which improves the safety of skin care products. It can replace alcohol to add to perfume. It can't only reduce irritation, but also it's an excellent solvent. It can also get products with high stability in the case of reducing the usage of surfactants.

#### Technical Indicators:

Inspection items	Technical index
Appearance	Colorless and Clear liquid
Water content (KF)	NMT 0.50%
Relative Density	0.946~0.956
Purity (GC)	NLT 99.5%
Odor	Characteristic
Heavy metal	NMT 10ppm
Color, APHA	NMT 10

#### Product Usage:

It is widely used in cosmetics as a preservative, moisturizer, and osmotic aid

#### 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.