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Address : Gotenstr. 13, 20097 Hamburg, Deutschland
Registergericht Hamburg HRB 54503

TECHNICAL DATA SHEET

Trade Name:	Hydrogyl		
INCI:	1,2-Octanediol / Caprylyl Glycol / 1,2 Hexanediol		
Cas. No:	1117-86-8		
EINECS:	214-254-7	Article No:	556474

ITEM	STANDARD
Appearance	White solid
Purity	≥98%
Color	Clear, colorless to white
Odor	Mild
Hydroxy Value	740 ~ 770 mg KOH/g

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Product Description:

Hydrogyl (Caprylyl Glycol) is a multifunctional ingredient commonly used in cosmetics and skincare formulations. Chemically, it is an **8-carbon diol (1,2-octanediol)** — a type of alcohol derived from caprylic acid, a fatty acid found in coconut and palm oils.

In skincare and cosmetic products, Caprylyl Glycol serves several key purposes:

- **Humectant:** It helps attract and retain moisture in the skin, improving hydration and texture.
- **Emollient:** It softens and smooths the skin, contributing to a pleasant, non-greasy feel.
- **Preservative booster:** It enhances the efficacy of other preservatives, helping to protect products from microbial growth even at lower preservative concentrations.
- **Stabilizer:** It improves the overall stability and shelf life of formulations.

Application:

Caprylyl Glycol is valued for being **gentle, non-irritating, and compatible with a wide range of ingredients**, making it suitable for use in creams, lotions, serums, cleansers, and makeup products.

Storage:

Please keep it in dry and cool area.

Dosage:

1% – 2%

Shelf time:

2 years after production