



Zemea®* the Natural Choice...
Purity and Renewable Performance

Zemea®
renewably sourced™ propanediol

Product Data Sheet

INCI Name: Propanediol

CAS Number: 504-63-2

EINECS Number: 207-997-3

Summary

Zemea® propanediol is a natural and highly pure colorless glycol, derived from a sustainable and renewable corn sugar fermentation process. It has many functions in cosmetics and personal care such as an emollient, humectant, hand-feel modifier, or solvent. Formulators demanding excellent performance and enhanced aesthetics from a glycol are encouraged to try Zemea® propanediol and enjoy these benefits “naturally”.

Typical Properties

Appearance:	Clear
Color:	Colorless
Odor:	Low, Sweet
Solubility in water:	Soluble
Viscosity, cP (20° C):	52
Density, g/ml (20° C):	1.053
pH:	Neutral

Packaging

199.8 kg (440 lb) Drums

18.1 kg (40 lb) Pails

Tank Trucks

Iso Tank Containers

Storage Conditions and Expiration Date

Sealed containers should be stored within a temperature range of 0 – 50° C (320 – 122° F). Containers can be resealed and stored within the same temperature range. Avoid prolonged exposure to oxygen and water. The use of nitrogen during storage is encouraged. If the seal is unbroken and the material has been stored according to the manufacturer's recommendations, a 2 year shelf life can be expected.

Purity Guarantee

Zemea® propanediol is made from 100% All Natural Corn Sugar and contains no added preservatives, petroleum based ingredients, or animal by-products.

For additional information or samples, please contact:

DuPont Tate & Lyle Bio Products Customer Service

In the US, Canada, or Mexico: 1-866-404-7933

Other Countries: ++001-217-421-3443

On the web: www.duponttateandlyle.com



Chestnut Run Plaza 711 • 4417 Lancaster Pike • Wilmington, DE 19805

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