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# Propanediol Zemea

Technical Data Sheet (TDS) · **Document issue date: 28.10.2026**

**Typical values.** This document is not a certificate of analysis (COA). Certificates and COA are available on request for wholesale items after the order ships.

## 1. Product

| | |
|---|---|
| Product name | Propanediol Zemea |
| INCI | Propanediol |
| CAS / EC | CAS 504-63-2 |
| Country of origin | USA |
| Form | Viscous liquid |

## 2. Organoleptic properties

| | |
|---|---|
| Appearance | Colorless viscous liquid |
| Colour | Clear |

## 3. Physico-chemical properties and use (typical values)

| Parameter | Typical value |
|---|---|
| pH | Neutral |
| Solubility / phase | Soluble in water |
| Recommended use level | 1–10 % |

## 4. Cosmetic applications

Used in sun protection cosmetics, color cosmetics, skin and hair care products, bath and personal care products. Acts as preservative enhancer in water-containing products.

## 5. Storage, shelf life, packaging

| | |
|---|---|
| Storage | In a cool dark place, in tightly closed container |
| Shelf life | 24 months from production date in original closed packaging (typically); batch expiry date is indicated on the label |
| Packaging | One document covers all pack sizes of this product. The container depends on pack size (from cosmetic bottles to transport containers) and is stated on the product card. |

## 6. Disclaimer

This information is provided for reference and for raw-material selection in formulations. Actual batch values are stated in the manufacturer's COA. The product is a raw material for cosmetic manufacturing; the manufacturer of the finished product is responsible for its safety and regulatory compliance. A skin sensitivity test is recommended before use.