



## DIPROPYLENE GLYCOL (DPG) HIGH PURITY, MULTI-USE SOLVENT

Manufactured by: Sidhe Petrochemicals, Gujarat

GMP & GLP Certified | FDA-Approved Facility | Halal & Kosher Certified Facility

Sidhe Petrochemicals proudly presents Di-propylene Glycol (DPG), a high-purity, versatile solvent designed to meet the stringent requirements of the flavours and fragrances industries. Manufactured in our GMP (Good Manufacturing Practices) and GLP (Good Laboratory Practices) compliant facility, DPG from Sidhe Petrochemicals adheres to the highest quality and safety standards.

### APPLICATIONS IN FLAVORS & FRAGRANCES

DPG is widely used as a solvent, carrier and stabilizer in the flavours and fragrances sector due to its excellent solvency, low toxicity, and minimal odour.

- Flavour Industry: Acts as a carrier for flavour compounds, ensuring uniform dispersion and stability in food and beverage applications.
- Fragrance Industry: Used as a solvent in perfumes and personal care products, allowing fragrances to blend seamlessly and evaporate at controlled rates.
- Cosmetics & Personal Care: Essential in lotions, deodorants, and skincare formulations, providing moisture retention and smooth application.

### GENERAL PRODUCT SPECIFICATIONS

Parameter	Specification
Appearance	Clear & Colourless Liquid
Purity (%) [Assay by GC]	≥ 99.5%
Water Content [by KF] (%)	≤ 0.1%
Colour, Pt-Co	≤ 10 Pt-Co.
Specific Gravity (@ 25°C)	1.015 - 1.025
Acidity (as Acetic Acid, wt%)	≤ 0.005%
Heavy Metals (as Pb, ppm)	≤ 1 ppm
Viscosity (@ 20°C)	100 cps
pH (5% in water)	6.0 to 7.0



## **REGULATORY COMPLIANCE & SAFETY STANDARDS**

- Manufactured under FDA-approved GMP & GLP conditions ensuring consistent quality and purity.
- Halal and Kosher certified plant/facility.
- Though DPG does not fall specifically in the FSSAI list of products being used in flavours and fragrances, our DPG adheres to all the safety standards ensuring suitability of flavours and perfume formulations.

## **STORAGE & PACKAGING**

- Available in epoxy-coated, food-grade steel drums.
- Shelf Life: The product has a shelf life of more than two years from the date of manufacture, when stored in a cool, dry place away from direct sunlight. However, it is recommended to re-test the product after two years from the date of manufacturing, to ensure its continued quality and suitability for use.

## **IMPORTANT NOTE ON FSSAI REGULATORY STATUS**

The Food Safety and Standards Authority of India (FSSAI) do not specifically list Di-propylene Glycol (DPG) as a food additive. However, our DPG meets international safety and purity standards for use in flavours and fragrances, and manufacturers must ensure compliance with regulatory requirements before incorporating it into food applications.

## **WHY CHOOSE SIDHE PETROCHEMICALS?**

- ✓ GMP & GLP Certified Manufacturing Facility
- ✓ High-Purity ( $\geq 99.5\%$ ) DPG for Flavours & Fragrances
- ✓ Stringent Quality Control & Testing
- ✓ Regulatory Compliance & Industry Certifications including REACH
- ✓ Reliable Supply Chain & Global Reach
- ✓ Halal & Kosher Certified Facility

**For inquiries, technical specifications and samples, please contact:**

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