

Dipropylene Glycol

TECHNICAL DATA SHEET

GENERAL DESCRIPTION

Dipropylene Glycol is Slightly Viscous liquid.

APPLICATION

Urethanes: DPG can be used as initiators for urethane polyol synthesis; the polyol itself in some polyurethane foam systems; a component for polyurethane/urea elastomers.

Fragrances: DPG can be used as solvent of fragrances.

Lubricants: DPG has an affinity for oils that makes it an ideal component of textile lubricant formulations

Plasticizers: DPG can be used as one of the most important plasticizers for polyvinyl chloride (PVC) resins.

SOLUBILITY

Miscible in cold water, hot water, methanol, diethyl ether.

STORAGE

Protect container from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture, and incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

FIRST AID MEASURE

Inhalation

Remove to fresh air. Not expected to require first aid measures.

Ingestion

Not expected to require first aid measures. Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice.

Skin Contact

Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

Eye Contact

Immediately flush eyes with plenty of water for at least 15min, lifting upper and lower eyelids occasionally. Call a physician if irritation persists.

Note to Physician

In case of ingestion, monitor for acidosis and central nervous system changes. Exposed persons with previous kidney dysfunction may require special treatment.

To the best of our knowledge, the information contained herein is accurate. However, Gree Industry Co., Ltd assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All material may present unknown hazards and should be used in caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

TYPICAL COMPONENTS PROPERTIES

Item	Parameters
Content	≥ 99.5%
Color (APHA)	10 Max
Refraction Index (n _D ²⁰)	1.436 ~ 1.440
Moisture	≤ 0.2%
Acidity	≤ 75ppm
Specific Gravity (20/20℃)	1.020-1.025
Boiling Range (≥95)	228~236℃