

MILES® GLYCOL ETHER BLEND (EB, DB AND DPM)

EB / DB / DPM Glycol Ether Blend

Product Data Sheet**PRODUCT DESCRIPTION**

Miles® Glycol Ether Blend (EB, DB and DPM) is a blend of three water-miscible glycol ether solvents: ethylene glycol monobutyl ether (EB), diethylene glycol monobutyl ether (DB) and dipropylene glycol methyl ether (DPM). All three are colorless, water-miscible liquids with strong coupling and coalescing power.

EB evaporates faster than DB and DPM, which are slow-evaporating. The blend is used in industrial and household cleaners, paints and coatings, inks, and automotive fluids.

Chemical Name: Glycol ether blend (EB, DB and DPM)

CAS Numbers: 111-76-2 / 112-34-5 / 34590-94-8

Chemical Formulas: EB: $C_6H_{14}O_2$; DB: $C_8H_{18}O_3$; DPM: $C_7H_{16}O_3$

Molecular Weights: EB 118.2; DB 162.2; DPM 148.2 g/mol

TYPICAL APPLICATIONS

Miles® Glycol Ether Blend (EB, DB and DPM) is suitable for use in applications including:

- Industrial and household cleaners
- Paints and coatings (coalescent)
- Inks
- Automotive fluids
- Coupling agent in water-based formulations

TYPICAL PHYSICAL PROPERTIES

Property	Typical Value
Appearance	Clear, colorless liquid, mild to characteristic odor
Components	EB (CAS 111-76-2), DB (CAS 112-34-5), DPM (CAS 34590-94-8)
Boiling Point of Components	EB approx. 171°C; DPM approx. 184–190°C; DB approx. 230°C
Flash Point of Components (Closed Cup)	EB approx. 67°C; DPM approx. 75°C; DB approx. 95–105°C
Specific Gravity of Components	EB approx. 0.90; DB approx. 0.95; DPM approx. 0.95
Evaporation	EB medium to fast; DB and DPM slow
Water Solubility	Miscible in all proportions
Blend Properties	Fall between the component values and depend on the mix ratio

The values shown are typical physical properties and are not intended to constitute product specifications.

PRODUCT FEATURES

- Combines a faster-evaporating solvent (EB) with slower-evaporating ones (DB and DPM)
- Fully miscible with water and common organic solvents
- Strong coupling and coalescing action
- Mild to characteristic odor

STORAGE & HANDLING

Store in tightly closed containers in a cool, dry, well-ventilated area, as glycol ethers can absorb moisture from the air. Carbon steel is commonly used for storage; verify seal and gasket compatibility, since some elastomers such as neoprene can swell on contact.

Contains ethylene glycol monobutyl ether (EB). Review the Miles® Safety Data Sheet (SDS) for the blend's hazard classification and exposure controls before handling, storing, or using

this product.

AVAILABLE PACKAGING

- 412-Pound Drums

Packaging availability may vary. Contact Miles Lubricants LLC for current packaging and minimum-order requirements.

IMPORTANT

Miles® Glycol Ether Blend (EB, DB and DPM) is intended for industrial applications. It should not be represented or used as USP, pharmaceutical, food, cosmetic, or personal-care grade unless the specific product supplied is independently certified for those applications.

PRODUCT INFORMATION

Miles Lubricants LLC

Industrial Lubricants, Chemicals & Specialty Fluids

Product: Miles® Glycol Ether Blend (EB, DB and DPM) (412 lb Drum)

CAS No.: 111-76-2 / 112-34-5 / 34590-94-8

For product availability, technical information, and Safety Data Sheets, contact Miles Lubricants LLC.

DISCLAIMER

The information and typical properties contained in this Product Data Sheet are provided for general informational purposes and are believed to be accurate at the time of publication. Typical values are not specifications or guaranteed properties. Product users are responsible for determining the suitability, compatibility, safety, and regulatory compliance of the product for their particular application. Please consult the applicable Safety Data Sheet before use.