

Product Fact Sheet



GENAPOL[®] BA 040

Solvent and solubilizer for cleaners

COMPOSITION

Benzyl alcohol poly glycol ether

PRODUCT PROPERTIES^{*)}

Active content	approx. 100 %
Appearance (20°C)	colourless to yellowish clear liquid
pH value(1 % in water)	approx. 6 - 8
Solubility (20°C)	clear soluble in water insoluble in mineral oils insoluble in hydrocarbons
Viscosity (20°C)	approx. 50 mPas (EN 1890)
Cloud point(1 % in water)	>100 °C
Pour point	< -40 °C
Flash point (DIN/EN 22719)	approx. 205 °C
Hard water stability	stable against water hardness

^{*)} These characteristics are for guidance only and are not to be taken as product specifications. The tolerances are given in the product specification sheet. For further information on product properties, toxicological, ecological and safety data, please refer to the safety data sheet.

APPLICATION

Genapol BA 040 is a water soluble solvent and solubilizer of low volatility. It is used in cleaner formulations and is compatible with most anionic, nonionic and cationic surfactants.

Genapol BA 040 does not show pronounced surfactant properties itself as can be seen from the surface tension (approx. 45 mN/m at 1 g/l). It does also not form micelles in water up to a concentration of 100 g/l. Also the foaming tendency is extremely low.

Addition of Genapol BA 040 to concentrates for emulsifiable metal working fluids improves in many cases the spontaneity of the emulsion formation. Recommended amounts are 3 – 8 %, of the concentrate.

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