

PRODUCT DATA SHEET

B260

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CHEMICAL DESCRIPTION:

Name : Triethylene Glycol Monobutyl Ether
 CAS number : 143-22-6
 Formula : $C_4H_9(OCH_2CH_2)OH$

Butoxytriglycol is a low-volatility, high solvency glycol ether with excellent coupling properties. The versatility of Butoxytriglycol is demonstrated by the variety of applications in which it may find use. The low volatility and excellent solvency makes this glycol ether a highly effective carrier solvent for textile dye processes. With superior surface tension characteristics, water solubility and solvency for oils, it has potential for use in household, institutional, industrial and special-purpose cleaners.

APPLICATIONS:

- Active solvent for solvent-based coatings
- Component of high-boiling hydraulic brake fluids
- Coupling agent and solvent in household and industrial cleaners, paint and floor polish strippers, hard surface, and disinfectants
- Coupling agent for resins and dyes in water-based printing inks
- Chemical process solvent and intermediate for ester production used as solvents, surfactants and plasticizers.
- Dye carrier for textile dye processes.

Physical Property*	Units	Typical Value
Molecular Weight	g/mol	206.3
Boiling Point @ 760 mmHg	°C	278
Freezing Point	°C	-35
Specific gravity , 20/20°C	-	0.989
Vapor Pressure @ 20°C	mmHg	<0.01
Viscosity @ 20°C	cP	9,2
Surface tension (neat product) @ 25°C	dynes/cm	30
Surface tension (25% aq. Solution) @ 25°C	dynes/cm	32.2
Relative Evaporation rate , n-Butyl acetate = 1.0	-	<0.01
Solubility, (Solvent in water) @ 20°C	wt%	100
Solubility, (Water in solvent) @ 20°C	wt%	100
Flash Point, Pensky-Martens Closed Cup	°C	138

*These properties are typical but do not constitute specifications.

FOR MORE INFORMATION

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