

# PRODUCT DATA SHEET

## BUTYL CARBITOL™

Produced using technology licensed by The Dow Chemical Company.

### CHEMICAL DESCRIPTION:

Name : Diethylene Glycol Monobutyl Ether  
CAS number : 112-34-5  
Formula : C<sub>8</sub>H<sub>18</sub>O<sub>3</sub>

Butyl CARBITOL™ is a type of glycol ether, colorless liquid with a sweet, ether-like odour. It also can be considered as slower-evaporating analog of ethylene glycol monobutyl ether.

### APPLICATIONS:

- Coupling agent and solvent in household and industrial cleaners, rust removers, hard surface cleaners and disinfectants
- Primary solvent in solvent-based silk screen printing inks
- Coupling solvent for resins and dyes in water-based printing inks
- Solvent for ball point and felt tip pen inks, and textile dyeing and printing
- Coalescent for latex adhesives
- Deactivator and stabilizer for agricultural pesticides
- Diluent in hydraulic brake fluid applications

Physical Property*	Units	Typical Value
Molecular Weight	g/mol	162.2
Boiling Point @ 760 mmHg	°C	230
Freezing Point	°C	-68
Specific gravity @25/25°C	-	0.954
Vapor Pressure @ 20°C	mm/Hg	0.03
Viscosity @ 25°C	cP	5.9
Surface tension (undiluted) @ 20°C	dynes/cm	30.0
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	99

\*These properties are typical but do not constitute specifications.

### FOR MORE INFORMATION

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