

## Product Description

DB Solvent (Diethylene Glycol Monobutyl Ether) improves the flow-out and gloss of baking enamels, is an effective coalescent in both architectural and industrial maintenance formulations, can be used in printing inks to increase dry times, and provides excellent coupling ability for the effective removal of contaminants.

Property	Units	Specifications	Typical	Test Method
Acidity as Acetic Acid			0.01wt%max	
Assay			99.0 wt% min	
Autoignition Temperature			204 °C(400°F)	D2155
Blush Resistance @80°F(26.7°C)			85%RH	
Boiling Point @760 mm Hg				
Initial			230 °C (441°F)	
Dry Point			235 °C(455°F)	
Color, Pt-Co			10max	
Critical Pressure			25.3 ATM	
Critical Temperature			380.8 °C	
Critical Volume			526 ml/g mol	
Dilution Ratio				
Toluene			3.9	
VMP Naphtha			1.9	
Expansion Coefficient, per°C @ 20°C			0.00085	
Flash Point Cleveland Open cup			111 °C (232°F)	
Freezing Point			-76 °C(-105°F)	
Heat of Combustion			-1109kcal/g mol	
Heat of Vaporization			12920 cal/g mol	
Liquid Heat Capacity @ 25°C			80.62 cal/(g*mol)(°C)	
Liquid Viscosity @ 20°C			4.7 cP(mPa s)	
Refractive Index @ 20°C			1.4316	
Specific Gravity @ 20/20°C			0.955	
Vapor Density (air=1)			5.6	
Vapor Pressure: @ 20°C			0.02 mm Hg	
@55°C			0.04 KPa	
Wt/Vol @ 20°C			0.96 kg/L (7.94lb/gal)	

Item Number	Date Created	Date Updated
	6/15/2015	6/15/2015



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### **Limitations of Warranty & Liability**

Seller warrants its product will meet the specifications listed herein and it has good title to the product, free and clear of all liens and security interests; SELLER MAKES NO OTHER WARRANTY, WHETHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer or user accepts liability for determining if the product is suitable for Buyer's or user's intended use. Any recommendation as to use made by Seller is done so at Buyer's or user's risk.

Buyer shall assume all risk and liability for and shall defend, indemnify, and hold Seller harmless from and against all claims, liabilities, costs, and expenses arising from or connected with the possession, transportation, handling, unloading, storage, processing or use of the product alone or in combination with other substances. Buyer's exclusive remedy and Seller's exclusive liability for damages under contract, tort, strict liability, negligence, or otherwise, shall be limited at Seller's option to the refund of the purchase price or the replacement of the product. In no event shall Seller be liable for incidental, indirect, special, or consequential damages.

Buyer acknowledges receipt of a Material Safety Data Sheet for the product and that the product may require special handling, storage, transportation, treatment or use to comply with applicable safety and environmental standards and will take all necessary action to comply therewith. Buyer further agrees to properly label the product if it is repackaged or resold and pass on all safety information and hazard warnings to its employees, purchasers, and users and their employees.