

BG-EPh乙二醇苯醚

Ethylene Glycol Phenyl Ether

结构式/Structural formula: $C_6H_5OCH_2CH_2OH$

分子量/Molecular weight: 138.17

别名/Alias: 2-苯氧基乙醇(2-PHENOXY ETHANOL)、苯基溶剂、乙二醇单苯醚
2-phenoxy ethanol, phenyl cellosolve

基本参数/Basic parameter: (以下为典型数据, 不代表所售产品的规格范围) (The following data only represents the general case, but not the specification of the product)

沸点 Boiling point °C	245°C	挥发速率 Volatization rate	<0.01	HLB	5.4
相对密度 Relative density	1.11	溶解度参数 Solubility parameter	11.4	PH值	6±0.5
闪点 Flash point °C	128°C	表面张力 Surface tension	39.8	LD ₅₀ mg/kg	1.26

等级分类/Grade categories:

BG-EPh	化学组份 Chemical composition wt%			外观 Appearance
	单苯醚 Monophenylene ether	二甘苯醚 Diphenyl ether	苯酚 Phenol	
工业级 Industrial grade	94-98	2-6	≤0.2	常温无色透明液体, 低温白色固体 Colorless clear liquid (room temperature) white solid (low temperature)
医药级 Medical grade	≥99	≤1.0	≤0.01	无色透明液体, 10°C以下白色固体 Colorless clear liquid White solide (<10°C)
分析纯 Analytically pure	≥99.5	≤0.5	≤0.05	无色透明液体, 13°C以下白色固体 Colorless clear liquid White solide (<13°C)

BG-EPh是一种典型的高沸点有机溶剂。早在七十年代欧美就已广泛采用。它是一种略带香味的无色透明液体, 具有混溶性好, 挥发性低, 渗透性强等特点, 与异佛尔酮(俗称783)、DBE、苯甲醇相比, 综合性能突出, 可全性能替代使用。

BG-EPh属低毒物质, 俗称“万能溶剂”。可作丙烯酸树脂、硝基纤维素、醋酸纤维素、乙基纤维素、环氧树脂、苯氧基树脂等的溶剂。常用作油漆、油墨、圆珠笔油的溶剂和改良剂, 印台油墨的渗透剂, 丝印油墨的防堵网剂, 洗涤剂中的渗透剂和杀菌剂, 水性涂料的成膜助剂。作为染料溶剂, 可增加PVC塑化剂的溶解能力。利用其溶解力强的特点, 清洁印刷电路板和塑料的表面处理, 化妆品的香料保护剂和稀释剂, 是羟苯甲酸酯类的理想溶剂。染发色料和指甲油色料的较佳溶剂和助渗透剂。医药中是一种理想的防腐蚀剂, 亦可用于麻醉剂。石油工业中作为萃取剂。

BG-EPh is a typical high boiling point organic solvent, which has been adapted ever since the seventies in Europe and America. It is a colorless clear liquid with slight pleasant scent. The product has good compatibility, low volatile, and strong permeability, compared with isophorone (783), DBE, benzoic alcohol etc., it is distinct comprehensive properties, and thus be used as the substitute.

BG-EPh is a low poisonous substance, whose nickname is "all-function solvent", can be served as the solvent for acrylic resin, cellulose nitrate, cellulose acetate, ethyl cellulose, epoxy resin, phenoxy resin. It is generally used as the solvent and modified agent for paint, pigment ink, ball-pen oil, as well as the penetrant in the ink pad pigment ink stop up-screen inhibitor in the screen printing ink, penetrant and bactericide in the detergent and film-forming agent for water-based coating. As a dyeing solvent, it can improve the solubility of the PVC plasticizer, the properties that enable the cleaning of printed circuit board, surface treatment of plastic, and fixative and thinner of cosmetic and become an ideal solvent for hydrobenzoate. It is also an ideal corrosion inhibitor in medical industry or anesthetics and extractive agent in petroleum industry.

BG-EPh is reliable in quality, and has been exported to Europe, Japan and Korea and others.

包装与储运/Packing and storage:

- 1、50Kg涂塑桶, 200Kg塑胆桶。特殊要求面洽。
- 2、本品属非危险品, 应贮存在阴凉干燥处。保质期36个月。
- 1、50kg painted plastic barrel, 200kg plastic-liner barrels, special requirements are subject to face-to-face negotiation.
- 2、The product is not a dangerous article and should be stored in cool, drying place for a maximum of 36 months.