

BG-EPA 乙二醇苯醚醋酸酯

Ethylene Glycol Phenyl Ether Acetate

结构式/Structural formula: $C_6H_5OCH_2CH_2OCOCH_3$

分子量/Molecular weight: 180.07

别名/Alias: 乙酸苯氧基乙酯 (2-phenoxy ethyl acetate)

名称 Name	外观 Appearance	纯度 Purity (wt%)	沸点 Boiling point (°C)	密度 Density g/ml (35°C)	水分 Water content (wt%)
BG-EPA	无色透明液体 Colorless, transparent liquid	≥96	257	1.0908	≤0.5

性状及用途/Properties & application:

BG-EPA系无色透明液体, 具有令人愉快的花、果香特征。PH值为7.0, 35°C时水中溶解度为0.188克/100毫升。溶于醇、醚、酯、苯、烃类等。ND251.5083, 表面张力37.8达因/厘米(35°C), 粘度53.0×10³泊(35°C)。本品对人、家畜均无毒性, 属绿色环保型产品。

1、溶剂

本品系双官能团高级工业溶剂, 其溶剂性能优于乙二醇醚、丙二醇醚及通用溶剂。可作为多种高分子材料, 例如: 树脂、橡胶、纤维素、天然高分子(各种油脂、蜡、松香、等)、合成高分子等的优良溶剂。在涂料、油墨、粘合剂中采用, 可大大提高产品性能。

本品由于沸点高, 蒸发速率适中, 可使油漆具有慢干特性, 更适用于彩色漆和乳胶漆; 在汽车、家电工业中作为烤漆的辅助溶剂, 可使烤漆性能明显改善; 在纺织印染工业中, 作为纺织染整助剂的溶剂, 适用于转移印花法印染加工。

2、化学中间体

以本品为原料, 可制备一系列化工产品。如光敏剂、光聚合引发剂、液晶定向剂、驱虫剂、杀螨剂、杀虫剂失效显示剂, 以及各种EPA衍生物等。

3、其它

本品可作为成膜助剂、葱醌染料分散剂、增塑剂、液体洗涤剂、杀霉剂等用途。

BG-EPA is a colorless transparent liquid, with pleasant flavor of flower and fruit. The PH value is 7.0, the water solubility is 0.188 g/100ml at 35°C and soluble in alcohol, ether, ester, benzene, hydrocarbon etc, ND251.5083, surface tension is 37.8 dyne/cm (35°C), viscosity 53.0×10³ p (35°C). The product is poisonless to the human and livestock, and belongs to category of environmental friendly product.

1. Solvent

The product is bifunctional group high-grade industrial solvent, whose solvent properties is better than ethylene glycol ether, propylene glycol ether and general solvent. It is excellent solvent for various macromolecule material, for example: resin, rubber, cellulose, natural macromolecule, synthetic macromolecule etc. When used in coating, printing ink and binder, it greatly increases the product performance.

Due to its high boiling point and moderate evaporation rate, it offers slow drying properties for the paints and especially suitable for color paints and latex paints. When used as an auxiliary solvent for the baking paints in automobile and household electric apparatus, it would remarkably improve the properties of baking paints; In textile industry, it is used as the solvent of textile auxiliaries.

2. Chemical intermediate

It can be used to prepare a series of chemicals products, such as photosensitive agent, light polymerizing initiator, liquid crystal orientation agent, vermifuge and other EPA derivatives and so on.

3. Other

The product can be used as film-forming agent, anthraquinone dyestuff dispersant, plasticizer, liquid detergent, antimold agent and others.

包装与储运/Packing and storage:

1、50公斤塑桶, 200公斤铁塑桶包装。特殊要求另议。

2、本品属非危险品, 贮存于阴凉干燥处。

1、50kg plastic barrels, 200kg iron plastic 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.