

BG-ECH6030零VOC高沸点溶剂

Zero voc、high boiling point organic solvent

组成/Component:

BG-ECH6030是一种零VOC高沸点溶剂。是酚类与环氧乙烷、环氧丙烷的加成物。分子内具有多官能团。

BG-ECH6030 is a zero VOC、high boiling point organic solvent. It is obtained by phenol and ethylene oxide、propylene oxide. There are many functional groups in the molecule.

平均分子量/Molecular weight: 174

基本参数/Basic parameter

沸点 Boiling point °C	> 265°C	挥发速率 Volatization rate	<0.01	折光率 Refractive index nD20	1.5281-1.5334
相对密度 Relative density	1.058-1.063	闪点, °C Flash point °C	115°C	PH值	6.5 ± 0.5

BG-ECH6030是一种典型的高沸点有机溶剂。它是一种略带芳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、乙二醇丁醚等相比，综合性能突出，可全性能替代使用。为优良的零VOC高沸点溶剂。

可作油漆、油墨、圆珠笔油的溶剂和改良剂，印台油墨的渗透剂，洗涤剂中的渗透剂和杀菌剂。亦可作丙烯酸树脂、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。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，是羟基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-ECH6030 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. It is a kind of excellent solvent of zero VOC.

BG-ECH6030 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.

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 articles and should be stored in cool, drying place for a preserve period of 36 months