



表面活性剂

及化妆品添加剂产品系列

Surfactants And Cosmetic Additives Products Series

上海邦高化学有限公司
SHANGHAI BRONKOW CHEMICAL CO.,LTD



企业简介

COMPANY INFORMATION

上海邦高化学有限公司成立于2009年6月，是在上海锦山化工有限公司基础上建立发展起来的。坐落于上海市精细化工产业园—碳谷绿湾产业园（原金山第二工业区），采用国际先进的第五代“PRESS+BUSS”环保型高效乙氧基化/丙氧基化加成反应技术及自动化系统，生产规模扩充至年产10.55万吨。经过十五年的发展形成集研发、生产、销售、服务为一体的以表面活性剂、特种助剂中间体、功能聚醚新材料为主的生产型知名企业。产品广泛应用于湿电子化学品、软硬表面清洗、金属加工、纺织日化、光伏新能源、汽车、润滑油等行业领域。

公司作为国家高新技术企业，上海市“专精特新”企业，上海市金山区专利示范单位，拥有各类国家专利75项。

上海邦高化学有限公司秉持“诚信、敬业、共赢、创新”发展理念，致力于企业从学习型组织向创新型组织转变，不断推进邦高化学成为全球著名供应商国际品牌的战略实现！

热忱欢迎国内外客商与我们真诚合作，恪守“从市场中来，到市场中去”的发展原则，我们将以精美一流的产品、精湛可靠的技术、精益求精的服务满足广大客户的要求。

Established in June 2009, Shanghai Bronkow Chemical Co., Ltd. has been founded and developed on the basis of Shanghai Jinsan Chemical Co., Ltd. Located in the Shanghai Fine Chemical Industry Park – Carbon Valley Green Bay Industrial Park (formerly Jinshan Second Industrial Park), Bronkow adopts the fifth-generation "PRESS+BUSS" environmental-friendly and efficient ethoxylation/propoxylation addition reaction technology and automated systems to expand our production scale to 105,500 tons per year. After fifteen years of development, Bronkow has become a well-known production enterprise integrating R&D, production, sales, and service, as well as focusing on surfactants, special auxiliary agent intermediates, and functional polyether new materials. At present, our products are widely used in wet electronic chemicals, soft and rigid surface cleaning, metal processing, textile daily chemicals, photovoltaic new energy, automobiles, lubricating oil, and other industries.

As a national high-tech enterprise, a "specialized-precise-distinctive-new" enterprise in Shanghai, and a patent demonstration unit in Jinshan District of Shanghai, Bronkow has successfully obtained 75 national patents.

Sticking to the development concept of "integrity, dedication, win-win, innovation", Shanghai Chemical Co., Ltd. is committed to the transformation of enterprises from learning organization to innovative organization, and works hard to promote the strategic realization of Bronkow becoming a world-renowned supplier and international brand!

Adhering to a principle "coming from market and going to market", We warmly welcome clients at home and abroad to cooperate sincerely with us. We shall meet the requirements of all kinds of the customers with our high-quality products, advanced & reliable technology, and best service.





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EMULSIFIERS (O/W)水包油乳化剂

商品名	化学名	外 观	功能和作用
BG-A25	Ceteareth-25 十六十八醇醚-25	片状	O/W 乳化剂
BG-A6	Ceteareth-6 十六十八醇醚-6	锭状	O/W 乳化剂
BG-S2	Steareth-2 硬脂醇醚-2	锭状	O/W 乳化剂
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EMULSIFIERS (W/O)油包水乳化剂

商品名	化学名	外 观	功能和作用
BG-HRE7	PEG-7 Hydrogenated Castor Oil PEG-7 氢化蓖麻油	浅黄色液体	W/O 乳化剂，膏霜 乳 露

SOLUBILISERS增溶剂

商品名	化学名	外 观	功能和作用
BG-HRE40	PEG-40 Hydrogenated Castor Oil PEG-40 氢化蓖麻油	液体	水/乙醇体系助溶剂，香精助溶剂
BG-HRE60	PEG-60 Hydrogenated Castor Oil PEG-60 氢化蓖麻油	液体	水/乙醇体系助溶剂，香精助溶剂



OIL ALCOHOL ETHOXYLATES 油醇聚氧乙烯醚

商品名	化学名	外 观	功能和作用
BG-1602	Oil alcohol ethoxylates 油醇聚氧乙烯醚1602	液体	乳化剂、润滑剂、增溶剂和软化剂等。
BG-1605	Oil alcohol ethoxylates 油醇聚氧乙烯醚1605	液体	乳化剂、润滑剂、增溶剂和软化剂等。

POLYETHYLENE GLYCOLS 聚乙二醇

商品名	化学名	外 观	功能和作用
PEG 200	Polyethylene Glycol 聚乙二醇 平均分子量200	液状	润湿剂，保湿剂，用于膏霜，护发品，药品
PEG 300	Polyethylene Glycol 聚乙二醇 平均分子量300	液状	润湿剂，保湿剂，用于膏霜，护发品，药品
PEG 400	Polyethylene Glycol 聚乙二醇 平均分子量400	液状	润湿剂，保湿剂，用于膏霜，护发品，药品
PEG 600	Polyethylene Glycol 聚乙二醇 平均分子量600	半固体	润湿剂，保湿剂，用于膏霜，护发品，药品
PEG 1500	Polyethylene Glycol 聚乙二醇 平均分子量1500	白色固体	润湿剂，保湿剂，用于膏霜，护发品，药品
PEG 4000	Polyethylene Glycol 聚乙二醇 平均分子量4000	白色固体	润湿剂，保湿剂，增稠剂，用于唇膏，粉底，护发品，药品
PEG 6000	Polyethylene Glycol 聚乙二醇 平均分子量6000	白色固体	润湿剂，保湿剂，增稠剂，用于唇膏，粉底，护发品，药品
PEG 8000	Polyethylene Glycol 聚乙二醇 平均分子量8000	白色固体	润湿剂，保湿剂，增稠剂，用于唇膏，粉底，护发品，药品

PRESERVATIVE 防腐剂

商品名	化学名	外 观	功能和作用
BG-EPH	2-Phenoxy Ethanol 2-苯氧基乙醇	无色透明液体	防腐剂、杀菌剂。
BG-EPA	2-Phenoxyethyl acetate 乙二醇苯醚醋酸酯	无色透明液体	防腐剂,有令人愉快的花、果香特征。
BG-PEIB	2-methyl-, 2-phenoxyethyl ester 异丁酸苯氧基乙酯	无色透明液体	防腐剂,有花果香特征，香精配伍溶剂。
BG-PGDA	1, 2- Propanediol diacetate 1, 2-丙二醇二乙酸酯	无色透明液体	防腐剂，可做香精配伍溶剂。

CARDANOL POLYOXYETHYLENE ETHER腰果酚聚氧乙烯醚

商品名	化学名	外 观	功能和作用
BGF-6	Cardanol polyoxyethylene ether(HLB:10.9)	淡黄色液体	清洗剂，增溶剂，乳化剂；绿色环保可生物降解，可用于家居及个人洗护用品等。
BGF-7	Cardanol polyoxyethylene ether(HLB:11.6)	淡黄色液体	清洗剂，增溶剂，乳化剂；绿色环保可生物降解，可用于家居及个人洗护用品等。
BGF-9	Cardanol polyoxyethylene ether(HLB:12.8)	淡黄色液体	清洗剂，增溶剂，乳化剂；绿色环保可生物降解，可用于家居及个人洗护用品等。
BGF-10	Cardanol polyoxyethylene ether(HLB:12.9)	淡黄色液体	清洗剂，增溶剂，乳化剂；绿色环保可生物降解，可用于家居及个人洗护用品等。
BGF-15	Cardanol polyoxyethylene ether(HLB:15)	淡黄色液体	清洗剂，增溶剂，乳化剂；绿色环保可生物降解，可用于家居及个人洗护用品等。
BGF-25	Cardanol polyoxyethylene ether(HLB:16.7)	淡黄色液体	清洗剂，增溶剂，乳化剂；绿色环保可生物降解，可用于家居及个人洗护用品等。
BGF-40	Cardanol polyoxyethylene ether(HLB:17.8)	淡黄色固体	清洗剂，增溶剂，乳化剂；绿色环保可生物降解，可用于家居及个人洗护用品等。

FATTY ALCOHOL ETHOXYLATES脂肪醇聚氧乙烯醚

商品名	化学名	外 观	功能和作用
BG-AEO7	Natural Fatty Alcohol C12 - C14 + 7 EO 天然脂肪醇C12 - C14 聚氧乙烯醚+7EO	液状	清洗剂，增溶剂，乳化剂
BG-AEO9	Natural Fatty Alcohol C12 - C14 + 9 EO 天然脂肪醇C12 - C14 聚氧乙烯醚+9EO	固体	清洗剂，增溶剂，乳化剂

SPECIAL PRODUCTS特殊产品

商品名	化学名	外 观	功能和作用
BG-KXA60	Special alcohol polyoxyethylene ether 特殊醇聚氧乙烯醚	无色透明液体	净洗剂，润湿剂
BG-KXA80	Special alcohol polyoxyethylene ether 特殊醇聚氧乙烯醚	无色透明液体	净洗剂，润湿剂
BG-E1302 E1304 E1306、E1308	C13 Oxo alcohol ethoxylates 异构十三醇聚氧乙烯醚	无色至淡黄色液体	净洗剂，润湿剂，多功能，洗涤乳化增溶渗透等；可用于超浓缩洗衣液等家居洗涤护理产品。
BG-E1310	C13 Oxo alcohol ethoxylates 异构十三醇聚氧乙烯醚	无色至淡黄色液体 或乳白色膏状物	净洗剂，润湿剂，多功能，洗涤乳化增溶渗透等；可用于超浓缩洗衣液等家居洗涤护理产品。
BG-E1312	C13 Oxo alcohol ethoxylates 异构十三醇聚氧乙烯醚	乳白色膏状物	净洗剂，润湿剂，多功能，洗涤乳化增溶渗透等；可用于超浓缩洗衣液等家居洗涤护理产品。
BG-E1003 E1005 E1006	C10-Guerbet alcohol ethoxylates 异构十醇聚氧乙烯醚	无色透明液体	净洗剂，润湿剂，多功能，洗涤乳化增溶渗透等；可用于超浓缩洗衣液等家居洗涤护理产品。
BG-E1007 E1009	C10-Guerbet alcohol ethoxylates 异构十醇聚氧乙烯醚	白色膏体	净洗剂，润湿剂，多功能，洗涤乳化增溶渗透等；可用于超浓缩洗衣液等家居洗涤护理产品。

化妆品级PE9010(BG-PE9010)

原料：苯氧乙醇属于化妆品防腐剂，乙基己基甘油属于化妆品多功能添加剂

CAS NO: 122-99-6,70445-33-9

配方：苯氧乙醇90%，乙基己基甘油10%

基本参数：(以下为质量控制标准)

苯氧乙醇质量标准

纯度 (%)	≥99.9	外观	无色透明液体
苯酚, ppm	≤ 10	色度 (Hazen)	≤10
铅, ppm	≤ 10	汞, ppm	≤ 1
砷, ppm	≤ 2	镉, ppm	≤ 5

乙基己基甘油质量标准

纯度 (%)	≥99	外观	无色透明液体
铅, ppm	≤ 10	汞, ppm	≤ 1
砷, ppm	≤ 2	镉, ppm	≤ 5

BG-PE9010是一款由苯氧乙醇和乙基己基甘油复配而成的澄清、无色的液体防腐剂，因其pH适用广泛（pH<12皆可），耐高温可到120℃，应用广泛（免洗型、冲洗型、湿巾等应用皆可使用）等优势，受到市场青睐。近20年来经久不衰，历久弥新，成为化妆品防腐剂教科书级的经典。许多化妆品相关的论文和书籍中提及PE9010，或作为推荐配方中使用的防腐剂、或作为原料中使用的防腐剂出现，也无一不证明其经典。

BG-PE9010是苯氧乙醇与乙基己基甘油复配的化妆品用液体防腐剂，乙基己基甘油影响了微生物细胞膜上的表面张力，从而提高了苯氧乙醇的防腐能力。本产品对细菌、酵母菌和霉菌具有广谱均衡的抑制作用。本品特别适合婴幼儿护肤产品使用。

BG-PE9010产品质量可靠，已批量出口欧洲、日本及韩国。

包装及贮存：

(1)50Kg、25Kg塑料桶。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12个月。

Cosmetic Grade PE9010 (BG-PE9010)

Raw Materials: Phenoxyethanol is a cosmetic preservative, and ethylhexylglycerin is a multi-functional cosmetic additive.

CAS No.:122-99-6,70445-33-9

Formula:90% Phenoxyethanol,10% Ethylhexylglycerin

Basic Parameters(Quality Control Standards as follows):

Quality Standard for Phenoxyethanol

Purity (%)	≥99.9	Appearance	Colorless transparent liquid
Phenol, ppm	≤ 10	Color (Hazen)	≤10
Lead (Pb), ppm	≤ 10	Mercury (Hg), ppm	≤ 1
Arsenic (As), ppm	≤ 2	Cadmium (Cd), ppm	≤ 5

Quality Standard for Ethylhexylglycerin

Purity (%)	≥99	Appearance	Colorless transparent liquid
Lead (Pb), ppm	≤ 10	Mercury (Hg), ppm	≤ 1
Arsenic (As), ppm	≤ 2	Cadmium (Cd), ppm	≤ 5

BG-PE9010 is a clear, colorless liquid preservative compounded from phenoxyethanol and ethylhexylglycerin. It is favored by the market for its advantages such as a wide pH application range (suitable for pH<12), high temperature resistance up to 120℃, and broad applicability (usable in leave-on, rinse-off, wet wipe products and other applications). It has remained popular for nearly 20 years and become a textbook classic of cosmetic preservatives. It is mentioned in numerous cosmetic-related papers and books, either as a recommended preservative in formulations or as a raw material preservative, all proving its classic status.

BG-PE9010 is a liquid preservative for cosmetics compounded with phenoxyethanol and ethylhexylglycerin. Ethylhexylglycerin affects the surface tension on the microbial cell membrane, thereby enhancing the preservative effect of phenoxyethanol. This product has a broad-spectrum and balanced inhibitory effect on bacteria, yeasts and molds, and is especially suitable for baby skin care products.

BG-PE9010 features reliable product quality and is exported in bulk to Europe, Japan and South Korea.

Packaging & Storage

(1) Packed in 50Kg and 25Kg plastic drums. Custom requirements available upon negotiation.

(2) Storage: Non-hazardous material. Store in a cool and dry place. Shelf life: 12 months.

化妆品级苯氧乙醇(BG-EPH)

结构式: $C_8H_{10}O_2$

分子量: 138.26

别名: 乙二醇苯醚, 2-苯氧基乙醇

英文名: Phenoxyethanol

CAS NO: 122-99-6

基本参数: (以下为质量控制标准)

纯度 (%)	≥99.9	外观	无色透明液体
苯酚, ppm	≤ 10	色度 (Hazen)	≤10
铅, ppm	≤ 10	汞, ppm	≤ 1
砷, ppm	≤ 2	镉, ppm	≤ 5

BG-EPH为苯氧乙醇是一种经常用于护肤产品的有机化合物, 可由乙二醇及苯酚醚化而成, 常见于护肤霜和防晒霜。苯氧乙醇是一种无色的油状液体, 有抗菌功效(一般与季铵盐一起使用), 因为2-苯氧乙醇的毒性较低, 而且在化学上对铜及铅并不活跃。在化妆品、护肤品、疫苗及药品中通常发挥着防腐剂的功用。苯氧乙醇现时作为防腐剂标准的化合物, 一般都不会释放甲醛, 而现时普遍认为甲醛有害于人体。相对于这些会释放甲醛的化合物, 苯氧乙醇的确是一个更优秀的替代品。

BG-EPH苯氧乙醇属有机合成物, 为无色稍带粘性液体, 微香, 味涩。不溶于水, 可与丙酮、乙醇和甘油任意混合。是化妆品中常见的防腐剂, 属于相对比较安全的防腐剂之一, 苯氧基乙醇在化妆品中的限定使用浓度最高为1%, 溶液剂为0.1%-2%(其中加乙醇10%)。

BG-EPH在香水里可作固定剂用, 可作驱虫剂, 外用消毒剂、醋酸纤维素的溶剂、染料、油墨、树脂、防腐剂以及其他医药用途。此外, 亦在水产养殖业里用来作为鱼类的麻醉剂。也被美国疾病预防控制中心列为多种美国疫苗的成分之一。在日本, 当苯氧乙醇在化妆品的使用量受到监控。

BG-EPH产品质量可靠, 已批量出口欧洲、日本及韩国。

包装及贮存:

- (1) 50Kg、25Kg塑料桶。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12个月。

Cosmetic Grade Phenoxyethanol (BG-EPH)

Structural Formula: $C_8H_{10}O_2$

Molecular Weight: 138.26

Alias: Ethylene Glycol Phenyl Ether,
2-Phenoxyethanol

English Name: Phenoxyethanol

CAS NO: 122-99-6

Basic Parameters (Quality Control Standards)

Purity (%)	≥99.9	Appearance	Colorless transparent liquid
Phenol, ppm	≤ 10	Color (Hazen)	≤10
Lead (Pb), ppm	≤ 10	Mercury (Hg), ppm	≤ 1
Arsenic (As), ppm	≤ 2	Cadmium (Cd), ppm	≤ 5

BG-EPH, or benzyl alcohol, is an organic compound frequently used in skin care products. It can be synthesized by etherification of ethylene glycol and phenol and is commonly found in skin creams and sunscreens. Benzyl alcohol is a colorless, oily liquid with antibacterial properties (usually used in combination with quaternary ammonium salts). Due to its low toxicity and chemical inactivity towards copper and lead, 2-phenylethanol is often used as a preservative in cosmetics, skin care products, vaccines, and medicines. Currently, it is a standard compound for preservatives and generally does not release formaldehyde, which is now widely recognized as harmful to the human body. Compared to these compounds that release formaldehyde, benzyl alcohol is indeed a superior alternative.

BG-EPH Phenoxyethanol is an organic compound. It is a colorless, slightly viscous liquid with a faint odor and a slightly astringent taste. It is insoluble in water but can be freely mixed with acetone, ethanol, and glycerol. It is a common preservative in cosmetics and is considered one of the relatively safer preservatives. The maximum permitted concentration of phenoxyethanol in cosmetics is 1%. The solution concentration is 0.1% - 2% (with 10% ethanol added).

BG-EPH can be used as a fixative in perfumes, as an insect repellent, an external disinfectant, a solvent for cellulose acetate, a dye, ink, resin, preservative and for other medical purposes. Additionally, it is also used as an anesthetic for fish in aquaculture. It is also listed by the US Centers for Disease Control and Prevention as a component of several US vaccines. In Japan, the usage of phenoxyethanol in cosmetics is monitored.

BG-EPH features reliable product quality and is exported in bulk to Europe, Japan and South Korea.

Packaging & Storage

- (1) Packed in 50Kg and 25Kg plastic drums. Custom requirements available upon negotiation.
- (2) Storage: Non-hazardous material. Store in a cool and dry place. Shelf life: 12 months.

油醇聚氧乙烯醚羧酸(BG-OEA)

分子式: $(C_2H_4O)_n C_{20}H_{38}O_3$

别名: 油醇聚醚羧酸

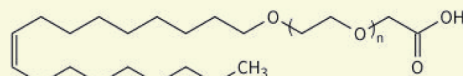
英文名: Polyoxyethylene oleyl ether carboxylic acid

CAS NO: 57635-48-0

基本参数: (以下为典型数据, 不代表所售产品的特性)

纯度 (%)	≥85	氯乙酸钠, ppm	<20	外观	无色至淡黄色液体
闪点 (°C)	113	pH (25°C, 1%水溶液)	2.0-3.0	铅, ppm	<20
氯化钠 (%)	<0.5	密度 (25°C) g/ml	0.94	砷, ppm	<3

结构式:



产品分类:

序号	BG-OEA
1	油醇聚氧乙烯醚-3羧酸
2	油醇聚氧乙烯醚-6羧酸
3	油醇聚氧乙烯醚-10羧酸

特性与用途:

BG-OEA具有优良的去污、乳化、分散、发泡、稳泡、润湿、增润、润滑性能。具有良好的钙皂分散能力。配伍性好, 可和阳离子表面活性剂复配, 而互不影响。是温和表面活性剂, 并可降低其他表面活性剂的刺激性。EO数越高, 刺激性越小。性能随EO数的改变而变化。可用于儿童产品。

BG-OEA为淡黄色至黄色液体, 或膏体, 或固体。是一种高性能去污剂、乳化剂, 广泛用于个人护理、机械加工、工业清洗等领域。该产品有优异的去污性、良好的分散性和增溶性、在发泡稳泡方面性能优异, 也可用作润滑剂。应用领域如下:

- 1、个人护理领域: 刺激性小, 可作为优异的去污剂、乳化剂使用。
- 2、机械加工领域: 可作为乳化剂、去污剂和润滑剂应用于水基金属加工液中。
- 3、工业清洗领域: 可对重油污、污垢有良好的清洗效果。
- 4、纺织皮革领域: 可作为去污剂、脱脂剂使用。

BG-OEA产品质量可靠, 已批量出口欧洲、日本及韩国。

包装及贮存:

- (1) 50Kg涂塑桶, 200Kg塑胆桶。特殊要求面洽。
- (2) 本品非危险品, 应贮存在阴凉干燥处。保质期12个月

Polyoxyethylene Oleyl Ether Carboxylic Acid (BG-OEA)

Molecular Formula: $(C_2H_4O)_n C_{20}H_{38}O_3$

Alias: Oleic polyether carboxylic acid

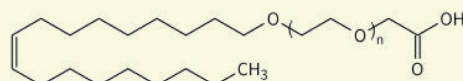
English Name: Polyoxyethylene oleyl ether carboxylic acid

CAS NO: 57635-48-0

Basic Parameters (Typical data, not representing the properties of the sold product)

Purity (%)	≥85	Sodium Chloroacetate, ppm	<20	Appearance	Colorless to pale yellow liquid
Flash point (°C)	113	pH (25°C, 1%DIW)	2.0-3.0	Lead (Pb), ppm	<20
Sodium Chloride (%)	<0.5	Density (25°C) g/ml	0.94	Arsenic (As), ppm	<3

Structural Formula:



Product Classification

No	BG-OEA
1	Polyoxyethylene Oleyl Ether-3 Carboxylic Acid
2	Polyoxyethylene Oleyl Ether-6 Carboxylic Acid
3	Polyoxyethylene Oleyl Ether-10 Carboxylic Acid

Characteristics & Applications

BG-OEA exhibits excellent detergency, emulsification, dispersion, foaming, foam stabilization, wetting, lubrication and thickening properties, along with good calcium soap dispersing ability. It has excellent compatibility and can be compounded with cationic surfactants without mutual interference. As a mild surfactant, it can reduce the irritation of other surfactants—higher EO number results in lower irritation, and properties vary with EO number. It is suitable for children's products.

BG-OEA, yellow to yellow liquid, paste or solid. As a high-performance detergent and emulsifier, it is widely used in personal care, mechanical processing, industrial cleaning and other fields. With outstanding detergency, good dispersibility and solubilization, excellent foaming and foam stabilization performance, it can also be used as a lubricant. Specific application fields are as follows:

1. Personal Care: Low irritation, suitable for use as an excellent detergent and emulsifier.
2. Mechanical Processing: Applicable as emulsifier, detergent and lubricant in water-based metalworking fluids.
3. Industrial Cleaning: Delivers good cleaning effect on heavy oil stains and dirt.
4. Textile & Leather: Can be used as detergent and degreaser.

BG-OEA features reliable product quality and is exported in bulk to Europe, Japan and South Korea.

Packaging & Storage

(1) Packaging: 50Kg plastic-coated drums, 200Kg plastic-lined drums. Custom requirements available upon negotiation.

(2) Storage: Non-hazardous material. Store in a cool and dry place. Shelf life: 12 months.

脂肪醇聚氧乙烯醚羧酸 (BG-AEC9-H)

分子式: $C_{32}H_{64}O_{12}$

别名: 脂肪醇醚羧酸、TU-H分散剂

英文名: Alcohol Ether Carboxylate / Glycolic acid ethoxylate lauryl ether

CAS NO: 27306-90-7

基本参数: (以下为典型数据, 不代表所售产品的特性)

纯度 (%)	≥85	氯乙酸钠, ppm	<20	外观	无色至淡黄色液体
闪点 (°C)	≈113	pH (25°C, 10%水溶液)	1.0-3.0	铅, ppm	<20
氯化钠 (%)	≤0.5	密度 (25°C) g/ml	0.961	砷, ppm	<3

结构式:



产品分类:

序号	AEC系列 (按EO数分类)
1	脂肪醇聚氧乙烯醚-3羧酸 (AEC-3H)
2	脂肪醇聚氧乙烯醚-5羧酸 (AEC-5H)
3	脂肪醇聚氧乙烯醚-6羧酸 (AEC-6H)
4	脂肪醇聚氧乙烯醚-7羧酸 (AEC-7H)
5	脂肪醇聚氧乙烯醚-9羧酸 (AEC-9H)
6	脂肪醇聚氧乙烯醚-15羧酸 (AEC-15H)

特性与用途:

BG-AEC9-H是一种新型多功能阴离子表面活性剂, 结构与肥皂相似, 嵌入的EO链使其兼具阴离子和非离子表面活性剂的双重特性, 可在广泛pH值条件下稳定使用。

BG-AEC9-H具备优良的去污、乳化、分散、发泡、稳泡、润湿及钙皂分散能力; 耐酸碱、耐硬水、耐高温, 对氧化剂和还原剂耐受性强; 配伍性好, 可与阳离子表面活性剂复配而互不干扰; 易生物降解, 无毒低刺激, 符合绿色化工要求。可用于儿童产品。

应用领域:

1、个人护理领域: 用于温和型香波、沐浴液、洗面奶、洗手液、婴儿用品等, 可降低其他表面活性剂的刺激性, 改善皂块的温和性与泡沫性能。

2、工业清洗领域: 作为家用洗涤剂、工业清洗剂和无磷洗涤剂的核心原料, 对重油污有良好清洗效果。

3、纺织皮革领域: 用于精练、丝光、漂白、染色等工序, 或作为皮革脱脂剂。

4、石油开采领域: 作为耐高温、耐高浓度电解质的乳化剂和降粘剂, 应用于三次采油和原油输送。

BG-AEC9-H产品质量可靠, 已批量出口欧洲、日本及韩国。

包装及贮存:

(1)50Kg涂塑桶, 200Kg塑胆桶。特殊要求面洽。

(2)本品非危险品, 应贮存在阴凉干燥处。保质期12个月。

Alcohol Polyoxyethylene Ether Carboxylic Acid (BG-AEC9-H)

Molecular Formula: $C_{32}H_{64}O_{12}$

Alias: Alcohol Ether Carboxylate, TU-H Dispersant

English Name: Alcohol Ether Carboxylate/Glycolic acid ethoxylate lauryl ether

CAS NO: 27306-90-7

Basic Parameters (Typical data, not representing the properties of the sold product)

Purity (%)	≥85	Sodium Chloroacetate, ppm	<20	Appearance	Colorless to pale yellow liquid
Flash point (°C)	≈113	pH (25°C, 1%DIW)	1.0-3.0	Lead (Pb), ppm	<20
Sodium Chloride (%)	≤0.5	Density (25°C) g/ml	0.961	Arsenic (As), ppm	<3

Product Classification

No	AEC Series (Classified by EO Number)
1	Alcohol Polyoxyethylene Ether-3 Carboxylic Acid (AEC-3H)
2	Alcohol Polyoxyethylene Ether-5 Carboxylic Acid (AEC-5H)
3	Alcohol Polyoxyethylene Ether-6 Carboxylic Acid (AEC-6H)
4	Alcohol Polyoxyethylene Ether-7 Carboxylic Acid (AEC-7H)
5	Alcohol Polyoxyethylene Ether-9 Carboxylic Acid (AEC-9H)
6	Alcohol Polyoxyethylene Ether-15 Carboxylic Acid (AEC-15H)

Characteristics & Applications

BG-AEC9-H is a new type of multifunctional anionic surfactant with a structure similar to soap. The embedded EO chain endows it with the dual properties of anionic and nonionic surfactants, enabling stable use over a wide pH range.

BG-AEC9-H exhibits excellent detergency, emulsification, dispersion, foaming, foam stabilization, wetting and lime soap dispersing abilities. It is resistant to acids, alkalis, hard water and high temperatures, and has strong tolerance to oxidants and reducing agents. It features good compatibility and can be compounded with cationic surfactants without mutual interference. It is readily biodegradable, non-toxic and low-irritating, complying with the requirements of green chemical industry, and it is suitable for children's products.

Application Fields

1. Personal Care: Used in mild shampoos, body washes, facial cleansers, hand soaps, baby products, etc. It can reduce the irritation of other surfactants and improve the mildness and foaming performance of soap bars.

2. Industrial Cleaning: Serves as the core raw material for household detergents, industrial cleaners and phosphorus-free detergents, with excellent cleaning effect on heavy oil stains.

3. Textile & Leather: Applied in scouring, mercerizing, bleaching, dyeing and other processes, or used as a leather degreaser.

4. Petroleum Exploitation: Used as an emulsifier and viscosity reducer with high temperature and high concentration electrolyte resistance in tertiary oil recovery and crude oil transportation.

5. Other Fields: Paper deinking, foam fire extinguishing, emulsification and lubrication of water-based metalworking fluids, etc.

BG-AEC9-H features reliable product quality and is exported in bulk to Europe, Japan and South Korea.

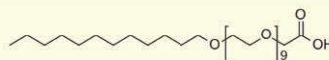
Packaging & Storage

(1) Packaging: 50Kg plastic-coated drums, 200Kg plastic-lined drums. Custom requirements available upon negotiation.

(2) Storage: Non-hazardous material. Store in a cool and dry place.

Shelf life: 12 months.

Structural Formula:





化妆品级异丁酸苯氧乙酯(BG-PEIB)

分子式: $C_{12}H_{16}O_3$

结构式: $C_6H_5OCH_2CH_2OCOCH(CH_3)_2$

别名: 2-甲基丙酸苯氧乙酯

英文名: Phenoxyethyl isobutyrate

CAS NO: 103-60-6

分子量: 208.25

基本参数: (以下为典型数据, 不代表所售产品的特性)

纯度 (%)	≥98.0	外观	无色透明液体
酸值 (mgKOH/g)	≤1.0	色度 (Hazen)	≤10
水分 (%)	≤0.1	相对密度 (25℃)	1.042-1.048
折光率 (20℃)	1.492-1.494	闪点 (℃)	>109

特性与用途:

BG-PEIB为无色透明液体, 具有蜂蜜、玫瑰样果香花香气味, 是化妆品中常用的合成香精, 香料功效显著, 安全性高, 被GB 2760-1996规定为允许使用的香料。

BG-PEIB产品香气柔和持久, 混溶于乙醇、氯仿和乙醚, 几不溶于水, 广泛应用于化妆品、食品等领域, 核心应用如下:

1、化妆品领域: 作为调香原料, 用于配制各类护肤品、洗护用品、彩妆等的香精, 赋予产品宜人的花果香调。

2、食品领域: 用以配制蜂蜜、桃子、水果冰淇淋、浆果、巧克力、可可等型香精, 软饮料、冷饮、糖果、焙烤食品中均有合规应用。

BG-PEIB产品质量可靠, 已批量出口欧洲、日本及韩国。

包装及贮存:

(1) 50Kg涂塑桶, 200Kg塑胆桶。特殊要求面洽。

(2) 本品非危险品, 应贮存在阴凉干燥处。保质期12个月。

Cosmetic Grade Phenoxyethyl Isobutyrate (BG-PEIB)

Molecular Formula: $C_{12}H_{16}O_3$

Structural Formula: $C_6H_5OCH_2CH_2OCOCH(CH_3)_2$

Alias: Phenoxyethyl 2-methylpropanoate

English Name: Phenoxyethyl isobutyrate

CAS NO: 103-60-6

Molecular Weight: 208.25

Basic Parameters (Typical data, not representing the properties of the sold product)

Purity (%)	≥98.0	Appearance	Colorless transparent liquid
Acid Value (mgKOH/g)	≤1.0	Color (Hazen)	≤10
Moisture (%)	≤0.1	Relative Density (25℃)	1.042-1.048
Refractive Index (20℃)	1.492-1.494	Flash Point (℃)	>109

Characteristics & Applications

BG-PEIB is a colorless transparent liquid with a honey and rose-like fruity-floral odor. It is a commonly used synthetic essence in cosmetics, featuring remarkable fragrance efficacy and high safety. It is listed as an allowed food additive by GB 2760-1996.

BG-PEIB has a soft and long-lasting fragrance. It is miscible with ethanol, chloroform and diethyl ether, and almost insoluble in water. It is widely used in cosmetics, food and other fields, with the core applications as follows:

1. Cosmetics field: Served as a flavoring raw material, it is used in preparing essences for various skin care products, hair care products, color cosmetics, etc., endowing products with a pleasant fruity-floral note.

2. Food field: It is used to prepare essences of honey, peach, fruit ice cream, berry, chocolate, cocoa and other types, and is applied in soft drinks, cold drinks, candies, baked foods and other products in compliance with relevant regulations.

BG-PEIB features reliable product quality and is exported in bulk to Europe, Japan and South Korea.

Packaging & Storage

(1) Packaging: 50Kg plastic-coated drums, 200Kg plastic-lined drums. Custom requirements available upon negotiation.

(2) Storage: Non-hazardous material. Store in a cool and dry place.

Shelf life: 12 months.



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