



PRODUCTS MANUAL

产品手册

Integrity / Innovation / Collaboration / Gratitude

诚信 / 创新 / 协作 / 感恩

SHANDONG YABANG CHEMICAL TECHNOLOGY CO., LTD.

山东亚邦化工科技有限公司

坐落于美丽的黄河三角洲中心城市 – 东营市河口区蓝色经济产业园园区内，是华亚控股有限公司的控股子公司，是一家专业从事精细与专用化学品研发和生产经营的高新技术企业。建有年产**1**万吨乙酰磺胺酸钾（安赛蜜），**1**万吨双乙烯酮、**1**万吨乙酰乙酸甲酯的生产装置。

公司经营产品：食品添加剂 – 无糖甜味剂乙酰磺胺酸钾（安赛蜜、A-K 糖）；精细化工产品有双乙烯酮、乙酰乙酸甲酯等；无机化学品硫酸镁、一水硫酸镁和七水硫酸镁等。

公司以“引进和开发高新技术，促进产业化”为发展宗旨，秉承“诚信、创新、协作、感恩”的核心价值观，立足于精细与专用化学品领域，力争成为国内外同行业具有相当影响力的标杆企业，创造良好的经济和社会效益。

Located in the Blue Economic Industrial Park, Hekou District, Dongying City, which is a beautiful central city in the Yellow River Delta, Shandong Yabang Chemical Technology Co., Ltd. is a share controlled branch company of Huaya Holding Co., Ltd., and is a professional high-tech enterprise engaged in the R&D, production and operation of fine and special chemicals. It is constructed with production units with yearly output of **10,000** tons of acesulfame potassium (Acesulfame-K), **10,000** tons of diketene and **10,000** tons of methyl acetoacetate.

Operating products: Acesulfame potassium (Acesulfame-K, A-K sugar), which is a kind of food additive, namely a kind of sugar-free sweetener. The fine chemical products are Diketene and Methyl acetoacetate, inorganic chemicals are magnesium sulfate, magnesium sulfate monohydrate and magnesium sulfate heptahydrate.

By taking “introducing and developing high technology, promoting industrialization development” as the enterprise tenet, following “integrity, innovation, collaboration and gratitude” as the core value, our company stands in the field of fine and special chemicals, strives to become the benchmarking enterprise considerable influence in the industry at home and abroad and creates good economic and social benefits.

DONGYING CITY HESTAY BIOTECHNOLOGY CO., LTD.

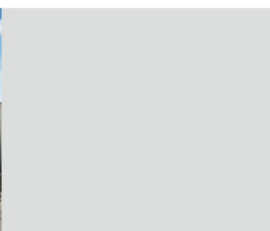
东营市海斯泰生物科技有限公司

成立于 2017 年，是华亚控股有限公司旗下的高新技术企业，从事以安赛蜜为主营的无糖甜味剂、高端食品添加剂经营业务。产品广泛用于食品饮料、医药、饲料、日化等行业，销售网络遍布全球。

海斯泰将秉承华亚控股“诚信、创新、协作、感恩”的核心价值观，为客户提供最优质的产品，服务于全球客户，振兴民族食品工业。

Founded in 2017, Hestay is a new high-tech enterprise under Huaya Holdings Co., Ltd. It is engaged in the business of sugar-free sweeteners and high-end food additives, with Acesulfame-K as the main business. The products are widely used in food and beverage, medicine, feed, and daily use chemicals. Our sales network spreads all over the world.

Adhering to the core value of “integrity, innovation, cooperation and gratitude”, Hestay will provide the best quality products, serve global customers, and revitalize the national food industry.



ACESULFAME POTASSIUM (ACESULFAME-K)

乙酰磺胺酸钾 (安赛蜜)

产品类别：食品添加剂

Product category: food additives

乙酰磺胺酸钾 (安赛蜜、A-K 糖)

Acesulfame potassium (Acesulfame-K, A-K sugar)

安赛蜜是一种安全型食品添加剂，甜味纯正而强烈，具有口感好、无热量、在人体内不代谢、不吸收、对热和酸稳定性好等特点。与其他甜味剂混合使用能产生很强的协同效应，甜度为蔗糖的 **200-250** 倍。广泛用于食品、饮料、药品及日化产品中，已有 **90** 多个国家批准使用。

As a kind of safe food additive, Acesulfame-K has the properties such as being pure and strong in sweet taste, having good mouthfeel, being calorie-free, being not metabolized or absorbed in human body, being stable under heat and acid, etc. It can produce strong synergistic effect after mixing with other sweeteners, and sweetness is **200-250** times than sugar. It has been widely used in food, beverage, medicine and daily chemical products. It has been approved to be used in more than **90** countries.

产品特性：

ADI: 0-15mg/kg

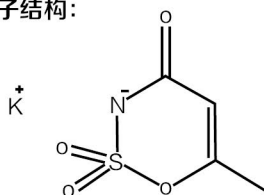
CAS NO.: 55589-62-3

熔点: 225°C

分子量: 201.24

甜度倍数: 200-250

分子结构:



Product features:

ADI: 0-15mg/kg

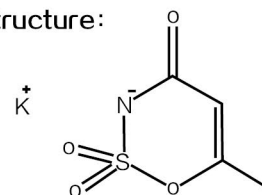
CAS NO.: 55589-62-3

Melting point: 225°C

Molecular weight: 201.24

Sweetness multiple: 200-250

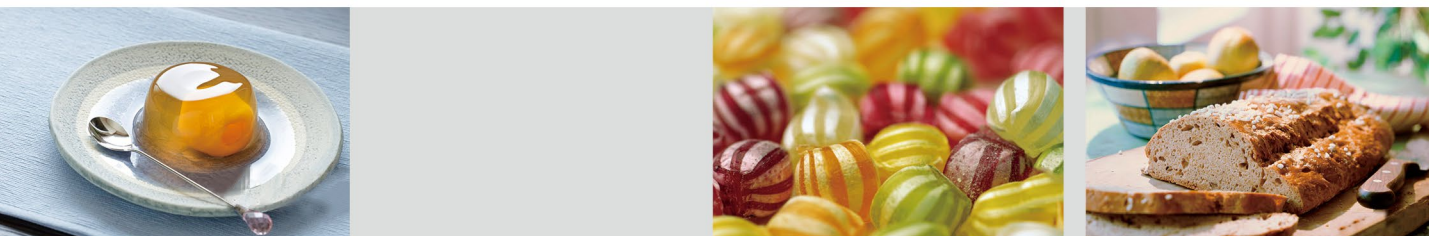
Molecular structure:



产品包装：

Packaging of product:

产品采用全纸板方桶包装，净重 25.00kg/ 桶，内衬双层塑料袋，标准一次性托盘，塑料膜密封。



The product is packed in full cardboard square drum with a net weight of 25kg/drum, lined with double-layer plastic bags. Standard disposable pallet can be also provided, and sealed with plastic film.

质量标准：

Quality standard:

该产品生产标准为 [GB25540-2010](#)，该产品同时符合 [FCC](#)、[BP](#)、[EP](#)、[FAO/WHO/JECFA](#) 标准

The standard for the production of this product is [GB25540-2010](#), At the same time the product complies with the [FCC](#), [BP](#), [EP](#), and [FAO/WHO/JECFA](#) standards.

参考用量 (g/kg):

Reference dosage (g/kg):

糖果 2.00	饮料类 0.30	水果罐头 0.30
Candy 2.00	Beverage 0.30	Fruit can 0.30
酱油 1.00	蜜饯类 0.30	胶基果糖 4.00
Soy sauce 1.00	Glazed fruit 0.30	Gum based candy 4.00
果冻 0.30	风味发酵乳 0.35	熟制坚果与籽类 3.00
Fruit jelly 0.30	Flavored fermented milk 0.35	Cooked nuts and seeds 3.00
调味品 0.50	烘焙食品 0.30	餐桌甜味料 0.04g/份
Spice 0.50	Baked food 0.30	Table sweetener 0.04g/each



METHYL ACETOACETATE

乙酰乙酸甲酯

产品类别: 医药农药中间体

产品名称: 乙酰乙酸甲酯

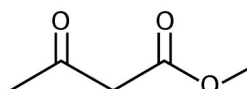
分子式: CH₃COCH₂COOCH₃

EINECS NO: 203-299-8

CAS NO: 105-45-3

分子量: 116.12

分子结构:



性状:

Properties:

无色透明液体，具有芳香味。能与乙醇、乙醚混溶，溶于2份水。遇三氧化铁混在一起时即呈深红色。相对密度 1.0762 (20/4℃)，熔点 -80℃，沸点 169-171 (微分解)，在沸点温度下稍有分解。折光率 (n_D20) 1.418。闪点 70℃。

Being colorless transparent liquid with aroma, miscible with ethanol, ethyl ether, dissolved in 2 parts of water. It will become scarlet if being mixed with ferric oxide. It is 1.0762 (20/4℃) for its relative density, -80℃ for its melting point, 169-171 for its boiling point (micro-decomposition), and is slightly decomposed under the boiling temperature. Its index of refraction (n_D20) is 1.418. Its flash point is 70℃.

用途:

Use:

本品用作纤维素醚酯混合溶剂的成分，也用于农药、医药、染料、颜料、分子稳定剂等有机合成中。

In addition to be used as a component of cellulose ether-esters mixed solvent, this product is also used in organic synthesis of pesticides, medicines, dye, pigments, molecular stabilizers, etc.

执行标准: HG/T 4479-2012

Operative standard: HG/T 4479-2012

主要技术指标:

项目	指标
含量 /%: ≥	99.0
酸度 (以乙酸计) /%: ≤	0.1
水分 /%: ≤	0.1

Main Specifications:

Item	Specification
Content /%: ≥	99.0
Acidity (measured by acetic acid) /%: ≤	0.1
Water content /%: ≤	0.1

包装: 塑料桶，净重 220 公斤。可按客户要求特殊包装。

Packaging: 220kg/plastic drum. It can be also packed according to the customer's request.

贮藏: 密封保存。 **Storage:** Sealed storage.



DIKETENE

双乙烯酮

产品类别: 基本有机化工原料

产品名称: 双乙烯酮

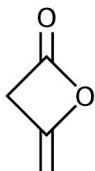
CAS NO: 674-82-8

EINECS NO: 211-617-1

分子式: $C_4H_4O_2$

分子量: 84.07

分子结构:



Product category: Basic raw material for organic chemical industry

Product name: Diketene

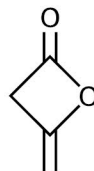
CAS NO: 674-82-8

EINECS NO: 211-617-1

Molecular formula: $C_4H_4O_2$

Molecular weight: 84.07

Molecular structure:



性状:

Properties:

无色有刺激臭味的可燃液体。相对密度 1.0897 (20/20℃)。熔点 -6.5℃, 沸点 127.4℃, 折射率 nD (20℃) 1.4379。比热容 0.1990kJ/(kg·℃)。闪点 33.9℃。溶于水及普通有机溶剂, 化学性质活泼。

Being colorless, flammable liquid with pungent odor. Its relative density is 1.0897 (20/20℃). It is -6.5℃ for the melting point, 127.4℃ for its boiling point. Its index of refraction nD (20℃) is 1.4379. Its specific heat capacity is 0.1990kJ/(kg·℃), and its flash point is 33.9℃. It is soluble in water and common organic solvents, and chemical character is very active.

用途:

Use:

用作有机原料, 可作增塑剂、染料、合成纤维、农药的原料。

It can be used as organic materials and also for raw materials, such as plasticizer, fuel, synthetic fiber and pesticide.

执行标准: Q/SDYB01-2018

Operative standard: Q/SDYB01-2018

主要技术指标:

Main Specifications:

项目	指标
色泽	无色至淡黄色或微红色透明
状态	液体
气味	有刺激性气味
主含量, % ≥	一级品 98.0; 合格品 97.0
乙酸酐含量, % ≤	一级品 2.0; 合格品 3.0

Item	Specification
Apperance	Colorless to primrose yellow or reddish transparent
Form	Liquid
Odour	Pungent odor
Main content, % ≥	First grade 98.0; Qualified product 97.0
Content of Acetic anhydride, % ≤	First grade 2.0; Qualified product 3.0

贮藏: 严禁撞击。 **Storage:** Non-impact.

本品易燃, 应贮藏于铝制或搪玻璃容器中, 低温 (0-5℃) 存放。运输中不得与火、无机酸及水接触, 严禁撞击, 以防爆炸。按易燃化学品规定贮运。

This product is flammable, and shall be stored in containers made of aluminum or glass lining under low temperature (0-5℃). It shall not contract with fire, inorganic acid or water during transportation, and impact is prohibited to prevent explosion. It shall be stored and transported according to provisions on flammable chemicals.

MAGNESIUM SULFATE HEPTAHYDRATE

七水硫酸镁

产品类别：基本无机化工原料

产品名称：七水硫酸镁

CAS NO: 10034-99-8

分子式: H₁₄MgO₁₁S

分子量: 246.4746

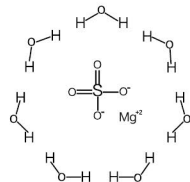
熔点: 1124℃

密度: 1.68

危险性符号: Xi

EINECS NO: 231-298-2

分子结构:



Product category: Basic raw material for inorganic chemical industry

Product name: Magnesium sulfate heptahydrate

CAS NO: 10034-99-8

Molecular formula: H₁₄MgO₁₁S

Molecular weight: 246.4746

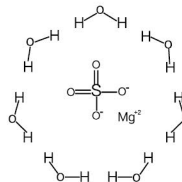
Melting point: 1124℃

Density: 1.68

Hazard symbol: Xi

EINECS NO: 231-298-2

Molecular structure:



性状:

Properties:

白色或无色的针状、斜柱状晶体或纤维状、粒状或粉末。无臭，凉并微苦。易溶于水，微溶于乙醇和甘油。在 48.1℃ 以下的潮湿空气中稳定，在温热干燥空气中易风化，有毒，pH 值为 7，中性。

Being white or colorless acerose, oblique columnar crystal or fibrous, granular or powder, it is odourless, coolish and faintly bitter. It can dissolve in water, but slightly in ethanol and glycerin. It is stable in moisture-laden air under the condition that the temperature is less than 48.1℃, but is easy to be worn away in warm and dry air; It is toxic, with pH value of 7, and is neutral.

用途:

Use:

在食品加工中可作食品强化剂；在工业生产中多与钙盐合用于酒母用水；农业中七水硫酸镁被用于一种肥料；七水硫酸镁在特定行业也被用作浴盐、制革、炸药、造纸、瓷器，以及医疗、口服泻药、矿物质水添加剂等。

In food processing, it can be used as a kind of food additive. In industrial production, it is often used in combination with calcium salt for wine starter water. In agriculture, magnesium sulfate heptahydrate is used as a kind of fertilizer. In particular industry, magnesium sulfate heptahydrate is also used in bath salts, leather production, explosives, paper making, porcelain, medical treatment, oral laxatives, and additive of mineral water.

执行标准: [GB/T 26568-2011](#)

Operative standard: [GB/T 26568-2011](#)

主要技术指标:

项目	指标
水溶镁(以 Mg 计)的质量分数 /%	9.5
游离水的质量分数 /%	6.0

Main Specifications:

Item	Specification
Mass fraction of water soluble magnesium (measured by Mg) /%	9.5
Mass fraction of free water /%	6.0

贮藏: 储存于阴凉、通风的库房。远离火种、热源。应与酸类等分开存放，切忌混储。储区应备有合适的材料收容泄漏物。

Storage: It shall be stored in a cool, well-ventilated warehouse. Keep away from ignition sources, heat and flame. It shall be stored separately from products of acids. Mixing storage is strictly forbidden. Suitable materials shall be provided in the storage area to take in the leakage.



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