



因为用心,所以专业;因为专业,所以放心;
因为放心,所以信赖;因为信赖,所以选择
Because of the heart, so professional;
Because professional, so rest assured;
Because at ease, so trust; Because of trust, so choose

微生物清理和抑制全套解决方案

PROFESSIONAL MICROBICIDE
SOLUTION CENTER

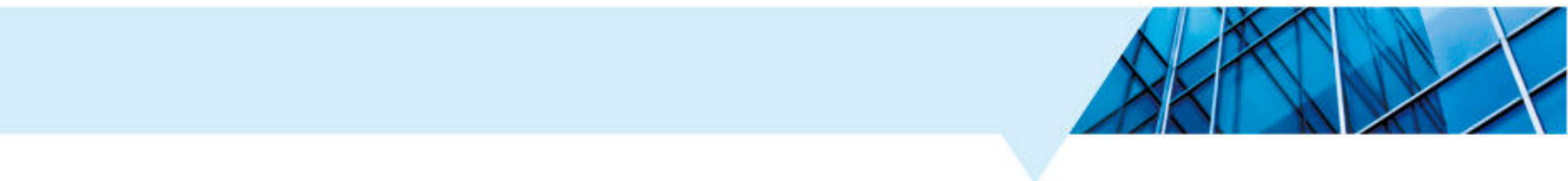
用科技开创未来



宁波锐远新材料科技有限公司
NINGBO REAYOUNG NEW MATERIAL AND TECHNOLOGY CO.,LTD

高 / 品 / 质 / 杀 / 菌 / 防 / 霉 / 防 / 腐 / 剂 / 供 / 应 / 商

HIGH QUALITY AND VALUABLE SUPPLIER OF MICROBICIDE



公司介绍 COMPANY PROFILE

宁波锐远新材料科技有限公司是洪大集团旗下的微生物清理剂和微生物抑制剂生产、研发和销售基地。基于产学研结合成果和强大的供应链条，锐远致力于成为高品质、有价值的微生物清理和抑制全套解决方案提供者，并在此基础上创立了自身的杀菌剂品牌：微生特系列。

针对不同的使用场景，微生特开发了6大产品系列，其中包含原料、杀菌剂、防腐剂、防霉、除藻剂和日化杀菌剂等产品。产品系列的应用领域广泛，涵盖涂料、油墨、色浆、颜料、乳液、纺

宁波锐远非常重视环境保护，为了满足产品质量和各国/地区环保法规的要求，产品方案将建立在合规性、安全性和经济性的三者平衡上。微生特为用户从生产、储运、销售和应用、四个环节上提供保驾护航，以期成为可信赖的长期合作伙伴。

Ningbo Reayoung New Material And Technology Co., Ltd. is a production, research and development, and sales base for microbial cleaning agents and microbial inhibitors under Hongda Group. Based on the industry, academia, and research, we built a strong supply chain, Ningbo Reayoung is committed to becoming a high-quality and valuable provider of complete solutions for microbial cleaning and inhibition. On this basis, it has established its own fungicide brand: Vicente.

For different downstream application, Vicente has developed 6 product series, including raw materials (Vicente), fungicides (Vicentecide), In-can preservatives (VicenteClean), mold and algae inhibitors (VicenteShield), and daily chemical fungicides (VicenteCare). The product series has a wide range of applications, covering various use scenarios such as coatings, inks, color pastes, pigments, lotion, textiles, rubber and plastics, ships, oil, water treatment, etc.

Ningbo Reayoung attaches great importance to environmental protection. In order to meet the requirements of product quality and environmental regulations of various countries/regions, the product plan will be established on the balance of compliance, safety, and economy. Weisheng provides protection and protection for users from four aspects: production, storage and transportation, sales, and application, in order to become a reliable long-term partner.



微生物的清理和控制

Cleaning and Control of Microorganisms



杀菌防腐原料目录

Biocides Material

工业杀菌防腐剂 Biocide used for industrial application

产品名称 Product Name	CAS NO
溴硝醇(布罗波尔)(Bronopol) 2-Bromo-2-Nitropropane-1,3-Diol	52-51-7
2,2-二溴-3-氰基丙酰胺(DBNPA) 2,2-Dibromo-3-Nitrilopropion Amide	10222-01-2
2,2-二溴-2-硝基乙醇(DBNE 75%) 2,2-Dibromo-2-Nitroethanol	69094-18-4
1,2-苯并异噻唑啉-3-酮(BIT 85%) 1,2-Benzisothiazolin-3-One	2634-33-5
正-丁基-1,2-异噻唑啉-3-酮(BBIT 98%) N-Butyl-1,2-Benzisothiazolin-3-One	4299-07-4
2-甲基-1,2-苯并异噻唑啉-3-酮(MBIT) 2-Methyl-1,2-Benzisothiazol-3(2H)-One	2527-66-4
异噻唑啉酮(14%) CMIT/MIT	26172-55-4 2682-20-4
2-甲基-4-异噻唑啉-3-酮(MIT 50%) 2-Methyl-4-Isouthiazolin-3-One	2682-20-4
4,5-二氯-N-辛基-4-异噻唑啉-3-酮(DCOIT) 4,5-Dichloro-N-Octyl-4-Isouthiazolin-3-One	64359-81-5
2-辛基-4-异噻唑啉-3-酮(OIT) 2-Octyl-4-Isouthiazolin-3-One	26530-20-1
噻菌灵 Thiabendazole	148-79-8

产品名称 Product Name	CAS NO
多菌灵 Carbendazim	10605-21-7
敌草隆 Diuron	330-54-1
氯乙酰胺 Chloroacetamide	79-07-2
戊二醛(GDA 50%)Glutaraldehyde	111-30-8
3-碘丙炔基正丁氨基甲酸酯(IPBC) Iodopropynyl Butylcarbamate	55406-53-6
二硫氰基甲烷(MBT) Methylene Bisthiocyanate	6317-18-6
N,N'-亚甲基双吗啉(MBM 92%) N,N'-Methylene-Bis-Morpholine	5625-90-1
丙环唑(95%)Propiconazole	60207-90-1
戊唑醇(97%)Tebuconazole	107534-96-3
溴化钠 Sodium Bromide	7647-15-6
均三嗪(BK 75%) 1,3,5-Tris-(2-Hydroxyethyl)-1 3,5-Hexahydrotriazine	4719-04-4
四羟甲基硫酸磷(THPS 75%) Tetrakis(Hydroxymethyl) Phosphoniumsulfate	55566-30-8
溴氯海因(BCDMH) 1-Bromo-3-Chloro-5,5-Dimethylhydantoin	16079-88-2

日化杀菌防腐剂 Biocide used for cosmetic application

产品名称 Product Name	CAS NO
尿囊素 Allantoin	97-59-6
5-溴-5-硝基-1, 3-二恶烷(Bronidox) 5-Bromo-5-Nitro-1,3-Dioxane	30007-47-7
氯苯甘醚 Chlorphenesin	104-29-0
辛酰羟肟酸 Caprylohydroxamic Acid	7377-03-9
1,3-二羟甲基-5,5-二甲基海因(DMDMH 55%) Dimethyloldimethyl Hydantoin	6440-58-0
重氮咪唑烷基脲 Diazolidinyl Urea	78491-02-8
咪唑烷基脲 Imidazolidinyl Urea	39236-46-9
乙基己基甘油 Ethylhexylglycerin	70445-33-9
1,2-己二醇 1,2-Hexanediol	6920-22-5

产品名称 Product Name	CAS NO
1,2-辛二醇 1,2-Octanediol	1117-86-8
1,2-戊二醇 1,2-Pentanediol	5343-92-0
尼泊金甲酯 Methylparaben	99-76-3
苯氧乙醇 2-Phenoxyethanol	122-99-6
聚六亚甲基双胍盐酸盐(PHMB20%) Poly(Hexamethylenebiguanide) Hydrochloride	32289-58-0
对羟基苯乙酮 P-hydroxyacetophenone	99-93-4
三氯卡班(TCC)Triclocarban	101-20-2
吡啶酮乙醇胺盐 Piroctone Olamine	68890-66-4
吡啶硫酮锌(ZPT 98%/48%) Zinc Pyrithione	13463-41-7
吡啶硫酮钠(SPT 40%) Sodium Pyrithione	3811-73-2

水处理剂 Water treatment chemical

产品名称 Product Name	CAS NO
碳酰肼(卡巴肼)Carbohydrazide	497-18-7

杀菌防腐剂制剂目录

Biocides

微生特杀 Vicentecide

Product Name	对抗型号 Counter Type
V-K15	Preventol D7
V-K15Cu	/
V-K15N	Preventol D7 LT
V-FK	Mergal K14/Preventol D6
V-FKN	Preventol D7F
V-K140	Preventol IT14
V-P9K	Preventol P91

Product Name	对抗型号 Counter Type
V-K140N	/
V-DA20	Amerstat 300/Reputain D20
V-DA15(for RO)	RO-045
V-P100	/
V-P30	Reputain B30
V-P20	Proxel 107

微生特净 Vicenteclean

Product Name	对抗型号 Counter Type
C-KB60	Proxel BC/Bactrachem BFG
C-MB25	Acticide MBS
C-MB25+	Acticide MBS 2550
C-MB50	Acticide MBS 5050
C-MB50+	/
C-MB100D	Acticide CBM
C-B10	Mergal 395/Proxel AQ
C-B20	Mergal K20
C-B20D	Acticide BW20
C-B40D	Acticide B40

Product Name	对抗型号 Counter Type
C-HF10	Nipaguard DMDMH
C-HFI	/
C-HFK	Troysan 174, Troysan 186
C-EFK	Dasocide 9
C-EFI	/
C-MTI	Microcare MTI
C-BCC	/
C-1051	/
C-BT600	Proxel TN/VOK®-APT TN

微生特盾 Vicenteshield

Product Name	对抗型号 Counter Type
S-DC100	/
S-DC20	Rozone 2000
S-DC30D	Acticide DCX30
S-I20	Polyphase AF-1
S-I30	Polyphase AF-3
S-I40	/
S-EFO	Mycavoid FC
S-O10	Mycavoid FC
S-Z55B	Proxel BZ plus
S-Z40D	Acticide ZPD1

Product Name	对抗型号 Counter Type
S-O20	Acticide OTW
S-O45	BIOX M605
S-OP30	Omadine IPBC
S-OD25	/
S-DCT95	Mergal S89
S-DCT25	Acticide SR1138
S-MW100	/
S-MW40	BIOBANTM 551S
S-Z100	Zinc Omadine Power

微生特护 Vicentecare

Product Name	对抗型号 Counter Type
VC-KA	/
VC-DA	/
VC-M10	/
VC-PE	/
VC-52A	/

Product Name	对抗型号 Counter Type
VC-9812	/
VC-Z40	/
VC-E10	/
VC-D5	/
VC-BBC	/

微生特银 Vicente Ag

Product Name	对抗型号 Counter Type
Ag-β	/
Ag-α	/
Ag-F	Million Guard

Product Name	对抗型号 Counter Type
Ag-K	/
Ag-KA	DOW SILVADUR 930

工业杀菌防腐剂

Biocide for industrial application



2-溴-2-硝基-1,3-丙二醇

别名：溴硝醇、布罗波尔

结构式	分子式	CAS	EINECS
	$C_3H_6BrNO_4$	52-51-7	200-143-0

产品物性和质量指标:

- 1.外观：白色结晶粉末
- 2.含量：≥99%
- 3.熔点：123-131℃
- 4.水份：≤0.5%

应用:

用途：杀生剂，主要用于工业循环水、造纸纸浆、涂料、塑料、化妆品、木材等的杀菌防霉，防腐，灭藻。

包装规格：25公斤/纸桶

贮存：在避光、阴凉、干燥处，室温密闭保存。保质期24个月。

2-Bromo-2-Nitropropane-1,3-Diol (BRONOPOL, BNPD)

Structural Formula	Molecular Formula	CAS	EINECS
	$C_3H_6BrNO_4$	52-51-7	200-143-0

Specifications:

- 1.appearance: White or almost white crystalline powder
- 2.assay: ≥99%
- 3..melting point: 123-131℃ (0.7Kpa)
- 4.water content: ≤0.5%

Applications:

As a biocide it is mainly used in different fields such as industrial circulating water, paper pulp, paint, plastic, timber,cosmetic , agriculture etc.

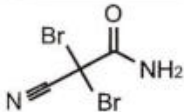
Packing: 25Kg paper drum /bag

Storage: Keep it out of the sun ,shady,cool and dry place, be airtight and stored at room temperature.
Shelf life is 24 months.

工业杀菌防腐剂 Biocide for industrial application

2, 2-二溴-3-氰基丙酰胺

别名：二溴氰乙酰胺

结构式	分子式	CAS	EINECS
	$C_3H_2Br_2N_2O$	10222-01-2	233-539-7

产品物性和质量指标:

- 1.外观：白色结晶粉末
- 2.含量：≥99%
- 3.熔点：122-126℃
- 4.水份：≤0.5%

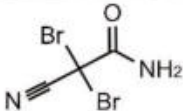
应用:

- 1、用于水处理剂、杀菌灭藻剂、造纸纸浆、以及医药中间体。
- 2、是一种广谱高效的工业杀菌剂，用来防止细菌和藻类在造纸、工业循环冷却水、金属加工用润滑油、纸浆、木材、涂料和胶合板中的生长繁殖，同时可做粘泥控制剂，广泛用于造纸厂纸浆和循环冷却水系统。
- 3、作为广谱高效的杀生剂，能迅速穿透微生物的细胞膜，并作用于一定的蛋白集团，使细胞的正常氧化还原中止，从而引起细胞死亡。同时，它的分支还可以选择性的溴化或氧化微生物的特殊酶代谢物，最终导致微生物死亡。本品具有良好的剥离性能，使用时无泡沫，液体产品与水可任意比互溶，低毒。

包装规格：25Kg/纸袋 或纸桶

贮存：在避光、阴凉、干燥处，室温密闭保存。保质期24个月。

2,2-Dibromo-3-Nitropropionamide (DBNPA)

Structural Formula	Molecular Formula	CAS	EINECS
	$C_3H_2Br_2N_2O$	10222-01-2	233-539-7

Specifications:

- 1.appearance: White crystal powder
- 2.assay: ≥99%
- 3.melting point: 122-126℃
- 4.water content: ≤0.5%

Applications:

- 1、Used as water treatment agent, biocide and pharmaceutical intermediates.
- 2、As a broad-spectrum efficient biocide, controlling bacterial, fungal and algal growth in metal working oil, pulp, timber, paint and plywood.
- 3、It can penetrate the microbial cell membrane, to affect certain group of proteins, which result in aborting of regular oxidation/reduction and then kill cells. On the other hand, its branch can oxidize or bromize the special enzyme of metabolism of microorganism, and cause the death of microorganism finally. Especially it also be used as slime controlling agent in circulating cooling water system and pulp in paper mill. The product in liquid form can be mutually soluble with water in any proportion and low toxic and no foam when it being used.

Packing: 25Kg paper drum/bag.

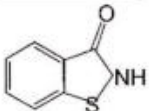
Storage: In the dark, cool, dry place, closed containers at room temperature. It is sensitive to heat and light.
Shelf life is 24 months.

工业杀菌防腐剂

Biocide for industrial application



1,2-苯并异噻唑啉-3-酮

结构式	分子式	CAS	EINECS
	C ₇ H ₅ NOS	2634-33-5	220-120-9

产品物性和质量指标:

- 1.外观: 白色或淡黄色粉末
- 2.活性物含量: $\geq 99\%$
- 3.熔点: 155-158°C
- 4.色度: ≤ 4
- 5.水份: $15 \pm 1\%$

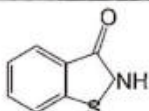
应用:

是主要的工业杀菌、防腐、防霉剂,具有突出的抑制霉菌(真菌、细菌),藻类等微生物在有机介质中的滋生作用,解决了微生物滋生引起的有机产品发霉、发酵、变质、破乳、发臭、等一系列问题。因此发达国家将BIT广泛用于乳胶制品,水溶性树脂,涂料(乳胶漆),丙烯酸,聚合物。聚氨制品,照相洗液,造纸,油墨,皮革,润滑油等产品中。

包装规格: 25Kg/纸桶

贮存: 在避光、阴凉、干燥处,室温密闭保存。保质期24个月。

1,2-Benzisothiazolin-3-One (BIT)

Structural Formula	Molecular Formula	CAS	EINECS
	C ₇ H ₅ NOS	2634-33-5	220-120-9

Specifications:

1. Appearance: White or light yellow powder
2. Active matter content: $\geq 99\%$
3. Melting point: 155-158°C
4. Chroma: ≤ 4
5. Water content: $15 \pm 1\%$

Applications:

It is the main biocide, preservative and mould inhibitor for industrial.

This product has outstanding effect on inhibiting the growth of microorganisms such as mold (fungi, bacteria) and algae in organic media and can solve a series of problems such as mildew, fermentation, deterioration, demulsification and smelliness of organic products caused by microbial growth.

BIT is widely used for Latex products, water soluble resin, coatings (paint), acrylic, polymer, camera washing liquid, paper, ink, leather, lubricants and other products.

Packing: 25Kg/paper drum

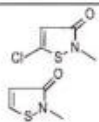
Storage: Keep out of the sun, shady, cool, dry place, be airtight and store in room temperature.

Shelf life is 24 months.

工业杀菌防腐剂 Biocide for industrial application

5-氯-2-甲基-4-异噻唑啉-3-酮(A) / 2-甲基-4-异噻唑啉-3-酮(B)

别名: 卡松, 异噻唑啉酮

结构式	分子式	CAS	EINECS
	C ₄ H ₄ ClNOS/C ₄ H ₅ NOS	26172-55-4 2682-20-4	611-341-5

产品物性和质量指标:

- 外观: 浅黄色或琥珀色透明液体
- 活性配比(氯比): (A/B, W/W)3:1左右
- 有效含量: $\geq 14\%$
- 溶解性: 溶于水和醇类溶剂
- 密度: (20°C)g/cm ≥ 1.30
- PH(原样溶液): 2-4
- 稳定性: 温度>50°C开始分解。PH4-8之间稳定。胺类、硫类、硫化物、强还原剂(如亚硫酸钠和漂白剂)以及高PH值均会使本品失活

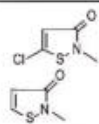
应用:

卡松是国际上公认的高效、低毒、广谱性的新型杀菌剂, 广泛应用于钢铁冶炼、油田注水、火力发电、造纸、炼油、化工、轻纺、工业清洗、切削油、水性涂料、日化等领域。对细菌如硫酸盐还原菌、淤泥成型菌、铁氧化菌、霉菌、酵母菌及藻类等各种微生物都有很强的杀灭和抑制效果。

包装规格: 25公斤/塑料桶

贮存: 本品适宜贮存在塑料容器中, 置于阴凉避光处, 不可与铁器等金属容器直接接触。保质期12个月

5-Chloro-2-Methyl-4-Isothiazolin-3-One/2-Methyl-4-Isothiazolin-3-One (Kathon,CMIT/MIT)

Structural Formula	Molecular Formula	CAS	EINECS
	C ₄ H ₄ ClNOS/C ₄ H ₅ NOS	26172-55-4 2682-20-4	611-341-5

Specifications:

- Appearance: Amber or colorless liquid, slight odor, no evidence of sediment
- Chlorine ratio: (A/B, W/W) Round3:1
- Activity concentration: $\geq 14\%$
- Solubility: Soluble in water and alcohol solvents
- Density (20°C)g/cm ≥ 1.30
- PH value: 2-4
- Stability: The decomposition begins when the temperature is over 50 C.Stable between PH4-8.Amines, sulfurs, sulfides, strong reducing agents (such as sodium sulfite and bleach) and high pH will inactivate the product.

Applications:

CMIT/MIT is an internationally recognized new fungicide with high efficiency, low toxicity and broad spectrum. It is widely used in iron and steel smelting, oilfield water injection, thermal power generation, papermaking, oil refining, chemical, textile, industrial cleaning, cutting oil, water-based coatings, daily chemicals and other fields.It has a strong killing and inhibiting effect on various microorganisms such as sulfate reducing bacteria, sludge forming bacteria, iron oxide bacteria, mold, yeast and algae.

Packing: 25kg/plastic drum

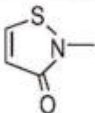
Storage: keep it out of the sun, cool and dry place, store in closed containers at room temperature. Do not make direct contact with metal containers such as iron. Shelf life of 12 months.

工业杀菌防腐剂

Biocide for industrial application



2-甲基-4-异噻唑啉-3-酮

结构式	分子式	CAS	EINECS
	C ₄ H ₅ NOS	2682-20-4	220-239-6

产品物性和质量指标:

- 1.外观: 淡黄色或无色透明液体
- 2.熔点: 254-256℃
- 3.密度: 1.2g/ml
- 4.PH: 4-7

应用:

用途:

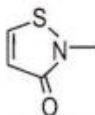
MIT属于广谱型杀菌防腐剂, 在低浓度下能有效杀灭多种细菌, 特别适用于化妆品和个人护理品制剂的保存, 如洗发香波, 膏霜, 和清洗剂等。除此之外, 广泛用于工业冷却水, 造纸行业, 涂料, 乳液, 胶黏剂, 颜料分散液, 油田回注水, 造纸等水性领域杀菌防腐。

此产品PH使用范围广 (PH2-10), 低毒, 用量少, 在稀释至使用浓度后, 很容易被生物降解为无毒无污染物质。

包装规格: 25Kg/塑料桶

贮存: 在避光、阴凉、干燥处, 室温密闭保存。保质期12个月。

2-Methyl-4-Isothiazolin-3-One (MIT)

Structural Formula	Molecular Formula	CAS	EINECS
	C ₄ H ₅ NOS	2682-20-4	220-239-6

Specifications:

1. Appearance: Light yellow or colorless transparent liquid
2. Melting point: 254-256℃
3. Density: 1.2g/ml
4. PH: 4-7

Applications:

MIT is a broad spectrum biocide to effectively kill various bacteria at low concentration.

Especially it can be used for preservation of cosmetics and personal care products such as shampoo, lotion, cream, cleaning agents. Furthermore, it also widely be used in different industrial fields like industrial cooling water, paper making, painting, emulsion, adhesive, pigment, dispersion, oilfield injection water etc.

MIT is stable over wide PH range (PH2-10) with low toxic and low dosage. It is also easy to be biodegradable when being diluted to use concentration.

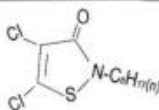
Packing: 25Kg/ plastic drum.

Storage: Keep it out of the sun, shady, cool and dry place, be airtight and stored at room temperature.

Shelf life of 12 months.

工业杀菌防腐剂 Biocide for industrial application

4,5-二氯-N-辛基-4-异噻唑啉-3-酮

结构式	分子式	CAS	EINECS
	C ₁₁ H ₁₇ Cl ₂ NOS	64359-81-5	264-843-8

产品物性和质量指标:

- 外观: 白色至淡黄色粉末
- 有效成分: ≥98%
- 熔点: 38-44℃
- 水分: <1.0%

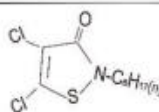
应用:

- DCOIT是一种低毒、高效、广谱的防霉杀藻剂,已被广泛的应用在海洋油漆中作为海洋防污剂。能有效的防止海洋生物在船体上的附着,对细菌、真菌、藻类和海洋无脊椎动物都具有良好的防污活性,且在现有环境中的浓度对海洋生物具有最小毒性,是替代TBT的最佳选择。
- 也可被用于粘合剂、油墨、聚合乳液,装饰木材表面,密封胶及油漆、塑料、皮革,涂料,污水,造纸,木材等领域。

包装规格: 25Kg/塑料桶

贮存: 在避光、阴凉、干燥处,室温密闭保存。保质期24个月。

4,5-Dichloro-N-Octyl-4-Isythiazolin-3-One (DCOIT)

Structural Formula	Molecular Formula	CAS	EINECS
	C ₁₁ H ₁₇ Cl ₂ NOS	64359-81-5	264-843-8

Specifications:

- Appearance: White to light yellow powder
- Active ingredients: ≥98%
- Melting point: 38-44℃
- Moisture: <1.0%

Applications:

As an anti-mildew and algacide with low toxicity, high efficiency and widespread, DCOIT has been widely used for marine paints as marine antifouling agent. It can effectively prevent the adhesion of marine organisms to the hull, it has good antifouling activity to bacteria, fungi, algae and marine invertebrates. Moreover, the concentration in the existing environment has the least toxicity to marine organisms. It is the best alternative to TBT.

It can also be used in adhesives, inks, polymer emulsions, decorative wood surfaces, sealants and paints, plastics, leather, coatings, sewage, paper, wood and other fields.

Packing: 25Kg/plastic drum

Storage: Keep out of the sun, shady, cool and dry place, be airtight and store in room temperature.

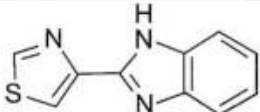
Shelf life is 24 months.

工业杀菌防腐剂

Biocide for industrial application



噻菌灵

结构式	分子式	CAS	EINECS
	$C_{10}H_7N_3S$	148-79-8	205-725-8

产品物性和质量指标:

- 1.外观: 白色粉末
- 2.含量: $\geq 99\%$
- 3.水分: $\leq 0.5\%$
- 4.熔点: $296-303^\circ\text{C}$

应用:

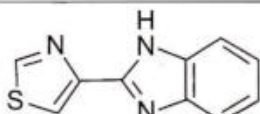
噻菌灵是一种高效、广谱、国际上通用的杀菌剂, 可用于:

- 1、加工42%噻菌灵悬浮剂, 60%噻菌灵可湿性粉剂、3%噻菌灵烟剂、水果保鲜剂等。防治农作物、经济作物由真菌引起的各种病害。
- 2、工业防霉剂, 可用于饲料、涂料、纺织品、纸张、皮革、电线电缆和日常商业制品的防霉、防腐。
- 3、医药上可作为人、畜肠道的驱虫药剂。

包装规格: 25Kg/纸板桶

贮存: 在避光、阴凉、干燥处, 室温密闭保存。保质期24个月。

Thiabendazole

Structural Formula	Molecular Formula	CAS	EINECS
	$C_{10}H_7N_3S$	148-79-8	205-725-8

Specifications:

1. Appearance: White solid powder
2. Purity: $\geq 99.0\%$
3. Water: $\leq 0.5\%$
4. Melting point: $296-303^\circ\text{C}$

Applications:

Thiabendazole is an efficient, broad-spectrum, internationally versatile fungicide. It can be used in:

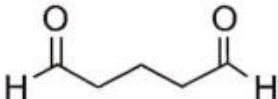
1. Thiabendazole can be used to process 42% Thiabendazole suspension, 60% Thiabendazole wettable powder, 3% Thiabendazole fumigants and Fruit Keeping Fresh Agent, etc. It can protect farm crops and industrial crops away from fungus.
2. Thiabendazole can be used as industrial antiseptic and usually used for anti-mildew and anti-corrosion of fodder, paint, textiles, paper, leather, wire and cable and daily commercial products.
3. Thiabendazole is used as an insect repellent for human and animal intestines in medicine.

Packing: 25kg/ fiber drum

Storage: Keep out of the Sun and keep in cool, dry place and seal the containers at room temperature.
Shelf life of 24 months.

工业杀菌防腐剂 Biocide for industrial application

戊二醛

结构式	分子式	CAS	EINECS
	C ₅ H ₈ O ₂	111-30-8	203-856-5

产品物性和质量指标:

- 1、外观: 纯品无色或浅黄色透明油状液体
- 2、含量: 50%
- 3、pH值: ≤3-5;
- 4、比重: 1.127-1.133;
- 5、甲醇含量: <2%
- 6、溶解度: 易溶于水和低级醇
- 7、稳定性: 挥发性。酸性溶液中稳定。在空气中氧化

应用:

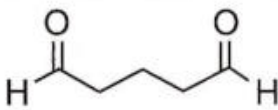
杀菌消毒剂、鞣革剂、木材防腐剂, 药物和高分子合成原料等。

主要用于实验室消毒(如工作台的表面和大型仪器)、家化日化生产设备、容器以及畜牧环境等领域杀菌消毒。

包装规格: 25公斤/桶

贮存: 在避光、阴凉、干燥处, 室温密闭保存。保质期12个月。

Glutaraldehyde (GDA)

Structural Formula	Molecular Formula	CAS	EINECS
	C ₅ H ₈ O ₂	111-30-8	203-856-5

Specifications:

- 1、Appearance The pure product is colorless or light yellow transparent oily liquid
- 2、Content: 50%
- 3、PH value: ≤3-5;
- 4、Specific gravity: 1.127-1.133;
- 5、Methanol: <2%
- 6、Solubility: Soluble in water and low alcohols
- 7、Stability: Volatility. It is stable in acid solution. Easy to be oxidized in the air.

Applications:

Widely be used as disinfectant, tanning agents, wood preservatives, drug and polymer synthetic materials.

Mainly used for laboratory disinfection (such as worktable surface and large instruments), domestic and chemical production equipment, containers and animal husbandry etc.

Packing: 25Kg/drum

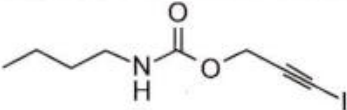
Storage: Keep out of the sun, shady, cool and dry place, be airtight and store in room temperature.

Shelf life is 12 months.

工业杀菌防腐剂 Biocide for industrial application



3-碘丙炔基正丁氨基甲酸酯

结构式	分子式	CAS	EINECS
	$C_8H_{12}INO_2$	55406-53-6	259-627-5

产品物性和质量指标:

- 1、外观: 白色至浅黄色结晶性粉末
- 2、活性物含量: $\geq 98\%$
- 3、水份: $\leq 0.5\%$
- 4、熔点: $65-68^\circ C$
- 5、溶解度: 在水中极难溶, 可溶于丙二醇 (25.2g/100g, $25^\circ C$), 乙醇 (34.5/100g, $25^\circ C$) 等有机溶剂
- 6、稳定性: 本品在PH=4-6范围稳定, 与几乎所有表面活性剂复配。180 $^\circ C$ 开始分解, 碱性介质易水解。

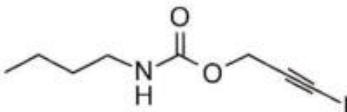
应用:

- 1、IPBC是一种环保、高效的杀真菌剂, 主要用于化妆品、日用化学品、涂料、画材颜料、皮革、塑料、木材、金属加工液、纺织、造纸业、墨水、粘合剂等。本品低毒, 在使用浓度($\leq 0.1\%$)下无刺激性。
- 2、IPBC为一杀霉菌的化合物, 添加在颜料中, 可防止在储存过程中由于霉菌的生长而使颜料的颜色发生改变, 提高颜料的保质期。添加在涂料中可长期存放, 或在涂覆后防止由于霉菌侵染而引起的老化变色, 以保持长久的装饰效果。添加在水和油中, 可避免水和油由于霉菌的作用而产生颜色。
- 3、IPBC可作为防腐剂用于处理实木和复合材料。
- 4、用于金属加工液(工作液), 既可以直接加到金属加工液的母液中, 也可加工液槽添加剂。
- 5、IPBC 是化妆品防腐剂中为数不多的真菌抑制剂, 常与抗菌防腐剂发配使用, 如咪唑烷基脲等。

包装规格: 25Kg/纸箱

贮存: 在避光、阴凉、干燥处, 室温密闭保存。保质期24个月。

Iodopropynyl butylcarbamate (IPBC)

Structural Formula	Molecular Formula	CAS	EINECS
	$C_8H_{12}INO_2$	55406-53-6	259-627-5

Specifications:

1. Appearance: White to light yellow crystalline powder
2. Active matter content: $\geq 98\%$
3. Water content: $\leq 0.5\%$
4. Melting point: $65-68^\circ C$
5. Solubility: Insoluble in water, soluble in organic solvents such as propylene glycol (25.2g/100g, $25^\circ C$), ethanol (34.5/100g, $25^\circ C$)
6. Stability: Stable in the range of PH=4-6. Can be compounded with almost all surfactants. Decomposition begins at $180^\circ C$, easy to be hydrolyzed in alkaline medium.

Applications:

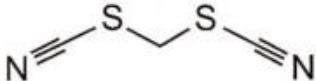
- 1 IPBC is an Eco-friendly and efficient fungicide, mainly be used for cosmetics, household chemicals, paints, leather, wood, plastic, metal working fluid, textile, paper making, ink, adhesive, etc. Low toxicity and has no irritation at the concentration ($<0.1\%$).
- 2 IPBC is a mold killed fungicide. It can be added to pigment in order to improve pigment's shelf life and avoid pigment's color changing because of the growing of mold. It can be added to coating for coating's long-term storage. It can also avoid coating's color changing after coating applied in order to keep long-term decorative effect. It can be added to water and oil to prevent water and oil's color producing due to the effect of mold.
- 3 IPBC can be used as preservative and used for solid wood and composite material treatment.
- 4 IPBC can be used for metal processing fluid. It can be directly added to mother liquid of metal processing fluid, and also can be used as addition agent added to processing tank.
- 5 IPBC is one of the few fungal inhibitor in cosmetic preservatives. It often be used together with antibacterial preservatives, such as Imidazolidinyl Urea.

Packing: 25Kg/ carton.

Storage: Keep out of the Sun and keep in shady, cool and dry place, be airtight and store in room temperature. Shelf life is 24 months.

工业杀菌防腐剂 Biocide for industrial application

二硫氰基甲烷

结构式	分子式	CAS	EINECS
	C ₃ H ₂ N ₂ S ₂	6317-18-6	228-652-3

产品物性和质量指标:

- 外观: 浅黄色至黄色结晶性粉末
- 含量: ≥98%
- 水分: ≤2.0
- 溶解度: 可溶于1,4-二氧六环, N,N-二甲基甲酰胺, 微溶于其它有机溶剂, 微溶于水
- 稳定性: 在酸性条件下稳定, PH 值大于8时开始水解

应用:

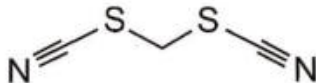
- MBT 对控制细菌、藻类、霉菌、和酵母菌相当有效, 主要用于:
1. 作工业防腐剂, 在竹木制品、电器材料、涂料、橡胶、皮革、帆布、造纸浆、浆糊和墨水等方面都有良好的防腐、防腐、杀菌效果。
 2. 作水处理剂, 能在水循环中的主要细菌、真菌和藻类都具有高效的杀灭功能。
 3. 作为农药, MBT可配制成10%的MBT乳油。其对农作物是一种高效、广谱、安全的杀菌剂。对水稻恶苗病和干尖线虫病、网斑病、茎黑穗病具有较高防效同时对种传细菌真菌和线虫所引起的其它病害有很好的防效。还可制成无公害、无污染的鱼药, 适用于各种水产养殖业的水质消毒、杀菌。

注意: MBT 在大于7.5的PH值环境下会快速水解。

包装规格: 25Kg/塑料桶

贮存: 在避光、阴凉、干燥处, 室温密闭保存。保质期24个月。

Methylene Bisthiocyanate (MBT)

Structural Formula	Molecular Formula	CAS	EINECS
	C ₃ H ₂ N ₂ S ₂	6317-18-6	228-652-3

Specifications:

1. Appearance: Light yellow to yellow crystalline powder
2. Purity: ≥98%
3. Water: ≤2.0
4. Solubility: Soluble in 1,4-dioxane, N,N-dimethylformamide, slightly soluble in other organic solvents, slightly soluble in water
5. Stability: Stable under acidic conditions, hydrolysis begins when PH > 8

Applications:

MBT is quite effective in controlling bacteria, algae, mold, and yeast, and is mainly used for:

1. As an industrial fungicide, MBT has a good anti-mildew, anti-corrosion and bactericidal effects in bamboo and wood products, electrical materials, paints, rubber, leather, canvas, paper pulp, paste and ink.
2. As a water treatment fungicide, MBT can effectively kill the main bacteria, fungi and algae in the water cycle.
3. As a pesticides, MBT can be formulated into 10% MBT cream, which is a high effect, board-spectrum and safe fungicide. It has a high preventing effect on Fusarium moniliforme Sheld, phelenchoides besseyi, net blotch, covered smut and other disease caused by bacteria, fungus and nematode. It can be made into pollution-free fish medicine for water disinfection and sterilization in various aquaculture industries.

Note: MBT will hydrolyze rapidly at pH values greater than 7.5.

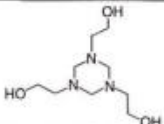
Packing: 25Kg/ plastic drum.

Storage: Keep out of the Sun and keep in cool, dry place and seal the containers at room temperature.
Shelf life of 24 months.

工业杀菌防腐剂 Biocide for industrial application



羟乙基六氢均三嗪

结构式	分子式	CAS	EINECS
	$C_9H_{21}N_3O_3$	4719-04-4	225-208-0

产品物性和质量指标:

1.外观:	无色至淡黄色透明液体
2.活性物含量:	73-80%
3.PH(0.1%)水溶液:	10.5-11.5
4.密度(20℃,g/ml):	1.12-1.22
5.折射率(20℃):	1.477-1.486
6.粘度(20℃,mpa)	250-400
7.总醛含量(%):	> 30

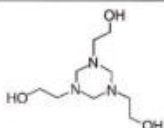
应用:

- 1、低毒性,广谱高效、对细菌,真菌和酵母菌有效。
- 2、在高温环境下,杀菌效果不变。
- 3、在碱性范围内可稳定pH值。
- 4、本品可以在任何工序加入。对应用体系无要求和不良影响
- 5、是金属加工液中广泛使用的一种杀菌剂。可用于浓缩液;浓缩液中加入量为2-5%。也可用于现场处理;现场加剂量为工作液:0.1-0.25%。

包装规格: 25公斤/塑料桶; 230公斤/塑料桶; 1100公斤/IBC

贮存: 在避光、阴凉、干燥处,室温密闭保存。保质期24个月。储存期内,如发现沉淀物,使用前混合均匀,不影响其杀菌效果。

Hexahydro-1,3,5-tris(hydroxyethyl)-s-triazine (BK)

Structural Formula	Molecular Formula	CAS	EINECS
	$C_9H_{21}N_3O_3$	4719-04-4	225-208-0

Specifications:

1. Appearance:	Colorless or light yellow transparent liquid
2. Active component:	73%-80%
3. pH(0.1%) aqueous solution:	10.5-11.5
4. Density(20℃,g/ml):	1.12-1.22
5. Refractivity(20℃):	1.477-1.486
6. Viscosity (20℃,mpa):	250-400
7. Total aldehyde content:	> 30%

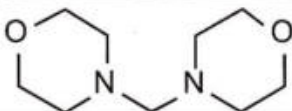
Applications:

- 1 BK has low toxicity, broad spectrum and high efficiency, and is effective against bacteria, fungi and yeast.
- 2 In high temperature environment, it's sterilization effect is unchanged; the pH value can be stabilized in the alkaline range.
- 3 This product can be added in any process without any requirement or adverse effect on the application system.
- 4 BK is a biocide widely used in metalworking fluids. For concentrate, the concentration in the concentrate is 2-5%. It can also be used for on-site treatment; on-site dosage 0.1-0.25% can be the working fluid:

Packing: 25kg/plastic drum; 230kg/plastic drum; 1100kg/IBC

Storage: Keep out of the Sun and keep in cool, dry place and seal the containers at room temperature. Shelf life of 24 months. During the storage period, if precipitates are found, mixed before use, and the bactericidal effect is not affected.

N,N'-亚甲基双吗啉

结构式	分子式	CAS	EINECS
	$C_9H_{18}N_2O_2$	5625-90-1	227-062-3

产品物性和质量指标:

- 1.外观: 无色透明液体
- 2.密度(20℃, g/ml): 1.05-1.06
- 3.PH值(1%水溶液): 8-9
- 4.活性物含量: $\geq 92\%$
- 5.总醛含量: > 15

应用:

N,N'-亚甲基双吗啉相容性优秀,在水性和油性体系中均可混溶,适用于全合成,半合成和乳化金属加工液。

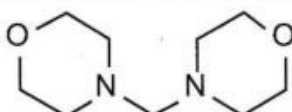
N,N'-亚甲基双吗啉在pH值6-11范围内杀菌效果好。总醛含量低,刺激性小,较为温和。

N,N'-亚甲基双吗啉是一种缓释型杀菌剂,其缓释作用赋予加工长效的抗菌的功能,防止腐败和恶臭气味的产生,保证体系的安全运行。

包装规格: 25公斤/塑料桶; 200公斤/塑料桶

贮存: 在避光、阴凉、干燥处,室温密闭保存。保质期24个月。

N,N'-Dimorpholinomethane (MBM)

Structural Formula	Molecular Formula	CAS	EINECS
	$C_9H_{18}N_2O_2$	5625-90-1	227-062-3

Specifications:

- | | |
|--------------------------|------------------------------|
| 1.Appearance | Air color transparent liquid |
| 2.Density(20℃, g/ml) | 1.05-1.06 |
| 3.PH(1%aqueous solution) | 8-9 |
| 4.Active matter content | $\geq 92\%$ |
| 5.Total aldehyde content | $> 15\%$ |

Applications:

MBM has excellent compatibility and is miscible in both aqueous and oily systems. It is suitable for fully synthetic, semi-synthetic and emulsified metalworking fluids.

MBM has a good bactericidal effect in the range of pH 6-11. With low total aldehyde content, less stimulus, and it is mild.

MBM is a sustained-release biocide whose sustained release function imparts long-lasting antibacterial function, prevents the generation of spoilage and odor, and ensures the safe operation of the system.

Packing: 25kg/plastic drum; 200kg/plastic drum

Storage: Keep out of the Sun and keep in cool, dry place and seal the containers at room temperature.

Shelf life of 24 months.

日化杀菌防腐剂 Biocide for cosmetic application



尿囊素

结构式	分子式	CAS	EINECS
	$C_4H_6N_4O_3$	97-59-6	202-592-8

产品物性和质量指标:

1. 性状:	白色结晶性粉末, 无嗅无味
2. 含量:	$\geq 98.5\%$
3. 熔点:	$\geq 222^\circ\text{C}$
4. 干燥失重:	$\leq 0.5\%$
5. 灼烧残渣:	$\leq 0.5\%$
6. pH值(0.5%水溶液, 25℃):	4.5-6.0
7. 重金属(以Pb计):	$\leq 0.001\%$
8. 砷(As)	$\leq 0.0002\%$

应用:

尿囊素是一种两性化合物, 能结合多种物质形成复盐, 具有杀菌防腐功效。

尿囊素具有促进细胞生长、促使伤口愈合、软化角质层蛋白等生理功能, 是良好的皮肤创伤愈合剂。

用作护肤、护发化妆品的营养添加剂, 可促进肌肤、毛发最外层组织的吸水能力, 使肌肤柔软, 使头发不分叉断裂等。因而可作为配制发乳、护肤乳液、洗面奶、唇膏、剃须膏、痤疮膏、防晒剂、牙膏、生发剂等产品的添加剂;

也可用于配制医治创伤和溃疡的皮肤用药; 在农业上可作植物生长促进剂; 还是很多化工、医药产品的中间体原料。

在化妆品中的一般添加量为0.1 ~ 0.5%。

包装规格: 25千克/桶

贮存: 在避光、阴凉、干燥处, 室温密闭保存。保质期24个月。

Allantoin

Structural Formula	Molecular Formula	CAS	EINECS
	$C_4H_6N_4O_3$	97-59-6	202-592-8

Specifications:

1. Appearance	White crystalline powder, odorless and tasteless
2. Assay	$\geq 98.5\%$
3. Melting point	$\geq 222^\circ\text{C}$
4. Loss on drying	loss on drying
5. Residue on ignition	$\leq 0.5\%$
6. PH value (0.5% aqueous, 25℃)	4.5-6.0
7. Heavy metal (Pb)	$\leq 0.001\%$
8. Arsenic (As)	$\leq 0.0002\%$

Applications:

Allantoin is an amphoteric compound that combines a variety of substances to form a double salt, which has a bactericidal and antiseptic effect.

Allantoin has a physiological function of promoting cell growth, promoting wound healing, and softening the stratum corneum protein, and is a good skin wound healing agent.

Allantoin can be used as a nutritional supplement for skin care and hair care cosmetics to promote the water absorption capacity of the outermost skin and hair, to make the skin soft and to break the hair without splitting.

Therefore, it can be used as an additive for formulating hair cream, skin lotion, facial cleanser, lipstick, shaving cream, hemorrhoid cream, sunscreen, toothpaste, hair restorer and so on;

It can also be used to formulate skin medications for treating wounds and ulcers; it can be used as a plant growth promoter in agriculture; it is also an intermediate material for many chemical and pharmaceutical products.

The general addition amount in cosmetics is 0.1 to 0.5%.

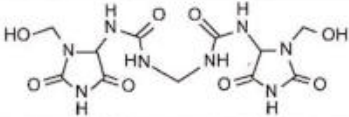
Packing: 25kg/drum

Storage: Keep out of the Sun and keep in cool, dry place and seal the containers at room temperature.

Shelf life of 24 months.

日化杀菌防腐剂 Biocide for cosmetic application

咪唑烷基脲

结构式	分子式	CAS	EINECS
	$C_{11}H_{16}N_8O_8$	39236-46-9	254-372-6

产品物性和质量指标:

1.外观:	白色粉末
2.含量:	99%
3.氮:	26.0~28.0%
4.干燥损失:	最大3.0%
5.灼烧残渣:	最大3.0%
6.pH(1%水溶液):	6.0~7.5
7.砷:	最大0.0003%
8.铅:	最大0.001%
9.汞:	最大0.0001%

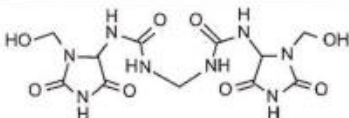
应用:

- 1.咪唑烷基脲是一种优良的抗菌防腐剂,广泛用于面霜、乳液、洗发水、护发素、湿巾等。
- 2.它具有广谱抗菌活性和良好的配伍性;无刺激、无致敏、无毒;在多种酸碱度范围内稳定(3-10)
- 3.易溶于水;可在各种温度(<80℃)下添加;
- 4.与其他防腐剂有协同作用,特别是对苯甲酸和/或碘丙基丁基氨基甲酸酯(IPBC),添加EDTA将增强其活性,推荐使用水平为0.1~0.4%。

包装规格: 20公斤/纸桶

贮存: 应贮存于避光、阴凉、干燥处,密闭保存,保质期24个月。

Imidazolidinyl Urea

Structural Formula	Molecular Formula	CAS	EINECS
	$C_{11}H_{16}N_8O_8$	39236-46-9	254-372-6

Specifications:

appearance:	White powder
content:	99%
nitrogen:	26.0~28.0%
loss on dry:	3.0% max
residue on ignition:	3.0% max
pH (1% in water):	6.0~7.5
As:	0.0003% max
Pb:	0.001% max
Hg:	0.0001% max

Applications:

1. Imidazolidinyl Urea is an excellent biocide and it is widely used in creams, lotions, shampoos, conditioners, wipes etc.
2. It has broad-spectrum antibacterial activity and good compatibility; no stimulation, no sensitization, no toxicity; stable in a variety of pH range(3-10).
3. It is easily soluble in water; can be added at various temperatures (<80 ° C);
4. It works synergistically with other biocides, especially benzoic acid and iodopropylbutyl carbamate (IPBC). The addition of EDTA will enhance its activity, dosage is 0.1 to 0.4%.

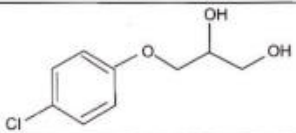
Packing: 20kg/paper drum

Storage: Keep out of the Sun and keep in cool, dry place and seal the containers at room temperature.
Shelf life of 24 months.

日化杀菌防腐剂 Biocide for cosmetic application



氯苯甘醚

结构式	分子式	CAS	EINECS
	$C_9H_{11}ClO_3$	104-29-0	203-192-6

产品物性和质量指标:

1. 外观: 结晶性粉末
2. 含量: $\geq 98\%$
3. 熔点: $78-81.5^{\circ}C$
3. 干燥失重: $\leq 1.0\%$

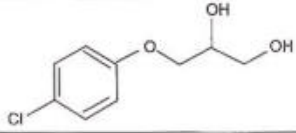
应用:

氯苯甘醚对真菌和细菌具有广谱的抗菌作用, 自1996年开始应用于化妆品, 既可单独应用, 也可与其他防腐剂联合应用, 可有效增强防腐效果, 比如与苯氧乙醇或山梨酸复配, 发挥协同抗菌防腐效果。

包装规格: 25公斤/桶

贮存: 储存于室温、阴凉、干燥条件。保质期24个月

Chlorphenesin

Structural Formula	Molecular Formula	CAS	EINECS
	$C_9H_{11}ClO_3$	104-29-0	203-192-6

Specifications:

1. Appearance: Crystalline powder
2. Assay%: $\geq 98\%$
3. Melting Point: $78-81.5$
4. Loss on drying%: ≤ 1.0

Applications:

Chlorphenesin has a broad spectrum of antibacterial effects against fungi and bacteria. Since 1996, it has been applied to cosmetics. It can be used alone or in combination with other preservatives. It can effectively enhance the anti-corrosion effect, such as compounding with phenoxyethanol or sorbic acid, and returning synergistic antibacterial and antiseptic effects.

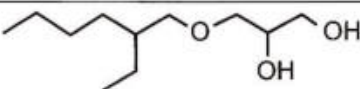
Packing: 25kg/drum

Storage: Keep out of the Sun and keep in cool, dry place and seal the containers at room temperature.
Shelf life of 24 months.

日化杀菌防腐剂 Biocide for cosmetic application

乙基己基甘油

别名：辛氧基甘油

结构式	分子式	CAS	EINECS
	$C_{11}H_{24}O_3$	70445-33-9	408-080-2

产品物性和质量指标:

- 外观: 无色或微黄色透明粘稠液体
- 含量: $\geq 99\%$
- PH(1.0g/L, 20°C): 6-8
- 密度(20°C): 0.950-0.965g/cm³
- 稳定性: 不受水解、温度和 pH 值影响 (适合的PH上限可达12), 与所有的常用化妆品原料相容

应用:

- 1、乙基己基甘油是一种涂抹性能适中的润肤剂、保湿剂及润湿剂。它能够在提高配方滋润效果的同时又具有柔滑的肤感。加入在某些膏霜体系中,能解决膏霜吸收慢,发粘及涂白等肤感上的缺点。
- 2、具有除臭效果。人体汗液中的皮脂和脱落的表皮细胞等在革兰氏阳性菌的作用下产生的物质具有不快的气味。乙基己基甘油能有效抑制引起异味的细菌的生长繁殖,同时不影响对人体有益的皮肤菌群,从而起到气味抑制的作用。
- 3、增效传统防腐剂。消费者已经开始注意防腐剂在化妆品中的应用及安全问题,乙基己基甘油能增效传统的防腐剂如苯氧乙醇、甲基异噻唑啉酮或尼泊金甲酯等,从而减少化妆品中这些物质的用量,让消费者在使用化妆品的时候更加安全、安心。
- 4、提高多功能化妆品添加剂(如二醇类,脂肪酸类脂类等)的抗菌作用。
- 5、添加量在0.2-1.0%

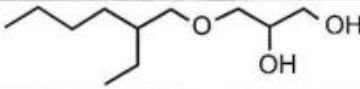
实际应用举例:

洗发水、护发素、定型胶、液体肥皂、沐浴露、保湿面霜、睫毛膏、眼线笔、口红、除臭剂、防晒乳液、身体乳霜和乳液

包装规格: 25公斤/塑料桶

贮存: 在避光、阴凉、干燥处,室温密闭保存。保质期24个月。

Ethylhexylglycrein

Structural Formula	Molecular Formula	CAS	EINECS
	$C_{11}H_{24}O_3$	70445-33-9	408-080-2

Specifications:

1. Appearance: Colorless transparent liquid
2. Assay: 99%min
3. PH(1.0g/L, 20°C): 6-8
4. Density: 0.950-0.965g/cm³
5. Stability: It is not affected by hydrolysis, temperature and pH value(suitable pH up to 12) and compatible with all common cosmetic ingredients.

Applications:

- 1 Ethylhexylglycrein is a kind of emollient, moisturizer and wetting agent with moderate smearing performance. It can improve the formulation's moisturizing effect while also have a smooth skin feel. In some cream systems, it can solve the shortcomings of slow absorption, stickiness and whitening of the cream.
 - 2 It has deodorizing effect. The substances produced by the action of Gram-positive bacteria such as sebum and exfoliated epidermal cells in human sweat have an unpleasant odor. Ethylhexylglycrein can effectively inhibit the growth and reproduction of odor-causing bacteria without affecting the beneficial skin flora, thereby act as a role of odor suppressor.
 - 3 It can synergistic traditional preservatives. Consumers have begun to pay attention to the application and safety of preservatives in cosmetics. It can synergize traditional preservatives such as phenoxyethanol, methyl isothiazolone or methylparaben, so as to reduce the amount of these substances in cosmetics and make consumers feel safer and more secure when using cosmetics.
 - 4 Improve the antimicrobial activity of multi-functional cosmetic additives (e.g. glycols, fatty acids, lipids, etc.).
 - 5 Dosage: 0.2-1.0%.
- Examples of practical applications:
Used in personal care products including shampoo, lotion, cream, hair conditioners, eyeliner, lipsticks etc.

Packing: 25kg/plastic drum

Storage: in the dark, cool, dry place, closed containers at room temperature. Shelf life is 24 months.

日化杀菌防腐剂

Biocide for cosmetic application



1,2-己二醇

结构式	分子式	CAS	EINECS
	$C_6H_{14}O_2$	6920-22-5	230-029-6

产品物性和质量指标:

- 外观: 无色透明液体
- 纯度: $\geq 99\%$
- 水分: $\leq 0.5\%$
- 沸点: $223\sim 224^\circ\text{C}$
- 密度(20°C): 0.951
- 闪点: 122°C

应用:

1,2-己二醇被评定为一种安全成分, 易溶于水或酒精。它的保湿和杀菌作用显著, 对人体皮肤几乎无刺激, 所以被视为是尼泊金酯类(起到化妆品防腐作用)的一种替代品。

1,2-己二醇被广泛运用于各种日用品中。例如自然提取物防腐剂的溶剂、婴儿个人护理用品、化妆品、清洗剂、护肤护发品等。

包装规格: 25公斤/塑料桶

贮存: 在避光、阴凉、干燥处, 室温密闭保存。保质期24个月。

1,2-Hexanediol

Structural Formula	Molecular Formula	CAS	EINECS
	$C_6H_{14}O_2$	6920-22-5	230-029-6

Specifications:

- Appearance: Colorless transparent liquid
- Purity: $\geq 99.5\%$
- Moisture: $\leq 0.5\%$
- Boiling point: $223\sim 224^\circ\text{C}$
- Density(20°C): 0.951
- Flash point: 122°C

Applications:

1,2-Hexanediol is evaluated as a safe ingredient, it can soluble in water or alcohol. It has a remarkable moisturizing and bactericidal effect and is almost non-irritating to human skin, so it is considered as a substitute for Parabens (which act as a cosmetic antiseptic).

1,2-hexanediol widely be used in various daily necessities. For example, solvents for natural extract preservatives, baby personal care products, cosmetics, cleansers, skin care and hair care products etc.

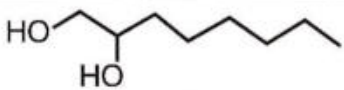
Packing: 25kg/plastic drum

Storage: Keep out of the sun and keep in cool, dry place and seal the containers at room temperature.
Shelf life of 24 months.

日化杀菌防腐剂 Biocide for cosmetic application

1,2-辛二醇

别名：辛甘醇

结构式	分子式	CAS	EINECS
	$C_8H_{18}O_2$	1117-86-8	214-254-7

产品物性和质量指标:

- 外观： 室温25℃以上为无色透明液体，25℃以下为白色糊状或白色固体
- 纯度： $\geq 98\%$
- 熔点： 28-34℃
- 沸点： 131-132℃(10mmHg)
- 闪点： $> 110^\circ\text{C}$
- 溶解性： 水中溶解性3g/L(25℃)，易溶于酒精、乙二醇和化妆品用酯类中。

应用:

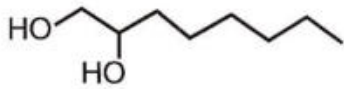
1,2-辛二醇的保湿性能非常优越，性能稳定。在控制微生物生长方面的功效显著，最低抑菌浓度(MIC)非常低，可作为传统防腐体系的增效剂，建议添加量0.4%以内。

广泛用于化妆品中，沐浴，洗发香波中，还具有具有增稠和稳泡作用。

包装规格：25公斤/桶

贮存：在避光、阴凉、干燥处，室温密闭保存。保质期24个月。

1,2-Octanediol

Structural Formula	Molecular Formula	CAS	EINECS
	$C_8H_{18}O_2$	1117-86-8	214-254-7

Specifications:

- Appearance: It is a colorless transparent liquid at room temperature above 25 ° C, and it is a white paste or white solid below 25 ° C
- Purity: $\geq 98\%$
- Melting point: 28-34℃
- Boiling point: 131-132 ° C(10mmHg)
- Flash point: $> 110^\circ\text{C}$
- Solubility: Solubility in water is 3g / L (25℃). Freely soluble in alcohol, glycol and cosmetic esters

Applications:

1,2-Octanediol has excellent moisturizing properties and stable performance. It has remarkable effect of controlling the growth of microbial. Minimum inhibitory concentration (MIC) is very low. It can be used as synergist of traditional antiseptic system. The recommended dosage is less than 0.4%.

It is widely used in cosmetics, bath foam and shampoo to play a role of thickening and foam stabilization.

Packing: 25kg/ drum

Storage: Keep out of the Sun and keep in cool, dry place and seal the containers at room temperature.
Shelf life of 24 months.

日化杀菌防腐剂

Biocide for cosmetic application



1,2-戊二醇

结构式	分子式	CAS	EINECS
	C ₅ H ₁₂ O ₂	5343-92-0	226-285-3

产品物性和质量指标:

1. 外观: 无色至浅黄色透明液体
2. 纯度: $\geq 98\%$
3. 闪点: 110°C
4. 沸点: $206^{\circ}\text{C}(\text{lit.})$
5. 密度: $0.971 \text{ g/ml at } 25^{\circ}\text{C}(\text{lit.})$

应用:

1, 2-戊二醇是杀菌剂丙环唑的重要中间体; 性能优异的保湿剂, 同时具有防腐作用, 可配制无防腐剂的产品, 减少防腐剂引起的过敏; 可提高防晒产品配方的抗水性; 溶解难溶的活性成分。适用于护肤霜、眼霜、护肤水、婴儿护理产品、防晒产品等各种个人护理产品, 亦可用于维护产品, 比如家具、皮革、清洁剂等。

包装规格: 200公斤/桶

贮存: 在避光、阴凉、干燥处, 室温密闭保存。保质期24个月。

1,2-Pentanediol

Structural Formula	Molecular Formula	CAS	EINECS
	C ₅ H ₁₂ O ₂	5343-92-0	226-285-3

Specifications:

1. Appearance: Colorless to yellowish transparent liquid
2. Purity: $\geq 98\%$
3. Flash point: 110°C
4. Boiling point: $206^{\circ}\text{C}(\text{lit.})$
5. Density: $0.971 \text{ g/ml at } 25^{\circ}\text{C}(\text{lit.})$

Applications:

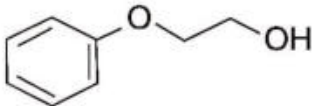
1,2-Pentanediol is an important intermediate of the Propiconazole. It has excellent performance as a moisturizer and has antiseptic effect. It can be used to make products without preservatives and reduce allergies caused by preservatives. It can improve the water resistance of sunscreen formulations and dissolve insoluble active ingredients. It can be used for skin cream, eye cream and skin care etc.

Packing: 200kg/ drum

Storage: Keep out of the Sun and keep in cool, dry place and seal the containers at room temperature.
Shelf life of 24 months.

日化杀菌防腐剂 Biocide for cosmetic application

苯氧乙醇

结构式	分子式	CAS	EINECS
	C ₈ H ₁₀ O ₂	122-99-6	204-589-7

产品物性和质量指标:

- 外观: 透明无色液体
- 含量: $\geq 99.0\%$
- pH值: 5.8-6.5
- 密度(23°C): 1.10 g / cm³
- 铂钴色: ≤ 10
- 苯酚: ≤ 10 ppm
- 水分: $\leq 0.1\%$

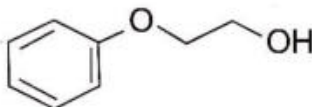
应用:

苯氧乙醇是一种高沸点、低挥发性溶剂, 又是一种低致敏、高效、广谱的杀菌防腐剂。它既能溶于水又能溶于油中, 广泛应用于洗涤用品、化妆品、美容美发用品、空气清新消毒剂、除臭剂、医疗器械、织物以及皮革整理剂等产品中, 亦可作为外科药物用于防治皮肤粉刺以及创伤、烧伤和烫伤等表面感染。

包装规格: 200公斤/铁桶

贮存: 在避光、阴凉、干燥处, 室温密闭保存。保质期12个月。

2-Phenoxyethanol

Structural Formula	Molecular Formula	CAS	EINECS
	C ₈ H ₁₀ O ₂	122-99-6	204-589-7

Specifications:

- appearance: Transparent, colorless liquid
- content: $\geq 99.0\%$
- PH value: 5.8-6.5
- density (23°C): 1.10 g / cm³
- Platinum-cobalt color: ≤ 10
- phenol: ≤ 10 ppm
- moisture: $\leq 0.1\%$

Applications:

Phenoxyethanol is a high boiling point, low volatility solvent. And it is also a low-sensitivity, high-efficiency, broad-spectrum biocide. It is soluble in water and soluble in oil. It is widely used in detergents, cosmetics, hairdressing products, air fresheners, deodorants, medical equipment, fabrics and leather finishing agents. It can also be used as a surgical drug to prevent and treat skin acne and surface infections such as wounds, burns and scalds.

Packing: 200 kg/iron drum

Storage: Keep it out of the sun, shady, cool and dry place, be airtight and stored at room temperature. Shelf life of 12 months.

日化杀菌防腐剂

Biocide for cosmetic application



聚六亚甲基双胍盐酸盐

结构式	分子式	CAS	EINECS
	$(C_8H_{17}N_5)_n \cdot xHCl$, $n=12-16$	32289-58-0	608-723-9

产品物性和质量指标:

- 1.外观: 无色或淡黄色透明液体
- 2.含量: ≥ 20
- 3.比重: 1.04g/ml
- 4.pH值: 4.0-6.0
- 5.沸点: 102-103°C

应用:

PHMB是一种广谱、快速的杀菌消毒剂,对革兰氏阳性菌,革兰氏阴性菌、真菌和酵母菌等均有灭杀作用。可作为杀真菌剂,用于万能清洁剂及消毒剂的产品。

应用领域包括:工业、公共设施、农业、畜牧业、游泳池、家用消毒、医院消毒、宠物护理、奶牛场挤奶室、酿酒管道及啤酒瓶清洗杀菌、空调部件、酒杯清洁器、化妆品、个人护理品、纺织品、隐形眼镜护理液、卫生间清洗/抗菌织物、浸湿巾的消毒杀菌、罐头食品和饮料工厂的巴氏灭菌器、奶酪模具、空调等硬质表面消毒。

包装规格: 25Kg/塑料桶

贮存: 在避光、阴凉、干燥处,室温密闭保存。保质期12个月。

Poly (hexamethylenebiguanide) hydrochloride (PHMB)

Structural Formula	Molecular Formula	CAS	EINECS
	$(C_8H_{17}N_5)_n \cdot xHCl$, $n=12-16$	32289-58-0	608-723-9

Specifications:

- 1.Appearance: Colorless or light yellow transparent liquid
- 2.Purity: $\geq 20\%$
- 3.Specific gravity: 1.04g/ml
- 4.PH Value: 4.0-6.0
- 5.Boiling point: 102-103°C

Applications:

PHMB is a board-spectrum, fast effect fungicide. It has a quickly killing effect for Gram-positive bacteria, Gram-negative bacteria, fungus and saccharomycetes. It can be used in universal cleaners and disinfectants products.

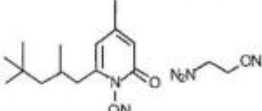
Application area: industry, public utilities, agriculture, grazieri, swimming pool, household disinfection, hospital disinfection, pet care, milking room of dairy farm, Wine pipe and beer bottle cleaning and sterilization, Air conditioning parts, Wine glass cleaner, cosmetics, personal care products, textile, contact lens care solution, Toilet cleaning products, Antibacterial fabric, wet tissue, canned food, pasteurizer in beverage factory, Cheese mould and air conditioners, etc.

Packing: 25Kg/ Plastic Drum

Storage: Keep out of the Sun and keep in cool, dry place and seal the containers at room temperature.
Shelf life of 12 months.

日化杀菌防腐剂 Biocide for cosmetic application

吡啶酮乙醇胺盐

结构式	分子式	CAS	EINECS
	$C_{16}H_{30}N_2O_3$	68890-66-4	272-574-2

产品物性和质量指标:

1. 性状	白色至浅黄色粉末
2. 纯度(HPLC):	≥99%
3. 熔点:	130~135℃
4. 干燥失重:	≤0.3%
5. pH值(1%水悬溶液, 20℃):	8.5~10
6. 乙醇胺:	20.0~21.0%
7. 亚硝基乙醇胺:	≤50PPB
8. 重金属:	≤10PPM

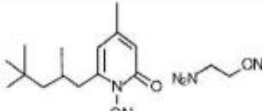
应用:

- 在洗发护发品、浴液、化妆品、洗涤用品中得到广泛应用。
- 1、可用作免洗类发用品的去屑止痒剂，止痒效果极好。
 - 2、此产品具有杀菌、除臭功能，因此被用于浴液中。
 - 3、对真菌、霉菌有广谱杀灭作用，可用于治疗脚癣、手癣。
 - 4、在化妆品中可作防腐剂，在香皂中作杀菌剂，并且有增稠性。

包装规格: 25公斤/纸板桶

贮存: 应贮存于避光、阴凉、干燥处，密闭保存。保质期是24个月。

Piroctone Olamine

Structural Formula	Molecular Formula	CAS	EINECS
	$C_{16}H_{30}N_2O_3$	68890-66-4	272-574-2

Specifications:

1. Appearance:	White to slightly yellow powder
2. Purity(HPLC):	≥99%
3. Melting point:	130~135℃
4. Drying loss:	≤0.3%
5. PH(1%aqueous suspension,20℃):	8.5~10
6. Ethanolamine:	20~21%
7. Nitrosamine content:	≤50PPB
8. Heavey metals:	≤10PPM

Applications:

- Piroctone Olamine is widely used in shampoo and hair care products, bath liquid, cosmetics and washing products.
1. It can be used as anti-dandruff and anti-itching agent for shampoo-free products with excellent anti-itching effect.
 2. This product has the function of sterilization and deodorization, so it is used in bath products.
 3. It has broad-spectrum killing effect on fungi and mold and can be used to treat tinea pedis and tinea manus.
 4. It can be used as preservative in cosmetics, fungicide in soap, and has thickening effect.

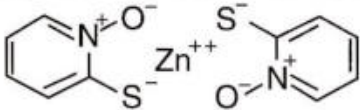
Packing: 25kg/paper drum

Storage: Keep out of the Sun and keep in cool, dry place and seal the containers at room temperature.
Shelf life of 24 months.

日化杀菌防腐剂 Biocide for cosmetic application



吡啶硫酮锌

结构式	分子式	CAS	EINECS
	$C_{10}H_8N_2O_2S_2Zn$	13463-41-7	236-671-3

产品物性和质量指标:

- 1.外观: 白色至类白色粉末
- 2.活性物含量: ≥ 96
- 3.熔点 $^{\circ}C$: $\geq 240^{\circ}C$
- 4.pH值: 6.5-8.5

应用:

1、ZPT是优良的抗鳞片化剂和抗油脂剂,能有效杀死产生头皮屑的真菌,具有止痒、去屑、减少脱发和延缓白发产生作用,是高效安全的止痒去屑剂,洗发香波加入该成分后可提高产品档次,满足消费者对洗发用品的高要求,因此,ZPT广泛用于日化产品洗发香波的生产。

2、ZPT作为优良、广谱、低毒、环保的真菌和细菌的抑菌剂可广泛用于民用涂料、胶粘剂、塑料、密封剂和地毯纤维等工业领域。

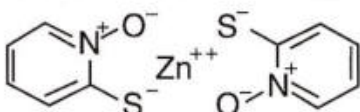
3、ZPT和氧化亚铜的复配制剂还可用于船舶防污漆,防止甲壳生物、海藻以及水生生物附着船壳板。

注意: ZPT在PH值为4.5-9.5之间稳定,在紫外线下会逐渐降解,从而导致失效

包装规格: 25Kg/纸板桶

贮存: 在避光、阴凉、干燥处,室温密闭保存。保质期24个月。

Zinc Pyrithione (ZPT)

Structural Formula	Molecular Formula	CAS	EINECS
	$C_{10}H_8N_2O_2S_2Zn$	13463-41-7	236-671-3

Specifications:

1. Appearance: White or off-white powder
2. Active matter content: ≥ 96
3. Melting point $^{\circ}C$: $\geq 240^{\circ}C$
4. PH value: 6.5-8.5

Applications:

1. ZPT is an excellent anti-scaling agent and anti-lipid agent. It can effectively kill the fungus which produce dandruff. It is an effective and safe antipruritic and anti-dandruff agent which can itching, anti-dandruff, reducing hair loss and prevent white hair growing. By adding ZPT can improve products' quality to meet consumers' high requirement. Therefore, it is widely used in shampoos producing and other daily chemical products.

2.ZPT is an excellent, broad-spectrum, low-toxic, pro-environment fungicide for fungus and bacteria. And it can be widely used in industrial field such as civil coatings, adhesives, plastics, Sealants and carpet fibers, etc.

3. The compound preparation of ZPT and cuprous oxide can also be used in marine antifouling paint to prevent shellfish, seaweed and aquatic organisms from adhering to the shell plate.

NOTE: ZPT is stable at PH value between 4.5-9.5 and will gradually degrade under UV light until lose efficacy.

Packing: 25Kg/paper drum

Storage: Keep out of the Sun and keep in cool, dry place and seal the containers at room temperature.

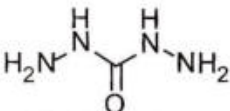
Shelf life of 24 months.

水处理剂

Chemical for water treatment

碳酰肼

别名：卡巴肼

结构式	分子式	CAS	EINECS
	CH6N4O	497-18-7	207-837-2

产品物性和质量指标:

- 1.外观: 白色结晶粉末
- 2.含量: ≥98%
- 3.熔点: 154℃
- 4.水份: 0.2%
- 5.溶解性: 难溶于乙醇, 极易溶于水

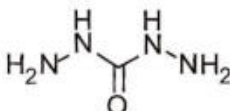
应用:

- 广泛用于生产药品、除草剂、植物生长调节剂、染料等
- (1)碳酰肼是肼的一种衍生物, 具有强烈的还原性, 可用作制造含能材料的中间体
 - (2)炼油厂设备的防腐剂, 可用作锅炉水处理剂的除氧剂。
 - (3)化纤行业作弹性纤维的交联剂。
 - (4)作为化工原料和化工中间体, 广泛用于医药、除草剂、植物生长调节剂、染料等行业。

包装规格: 25公斤/纸板桶

贮存: 在避光、阴凉、干燥处, 室温密闭保存。保质期24个月。

Carbohydrazide

Structural Formula	Molecular Formula	CAS	EINECS
	CH6N4O	497-18-7	207-837-2

Specifications:

- 1.Appearance: White crystal powder
- 2.content: 98%
- 3.melting point: 154℃
- 4.water: 0.2%
- 5.solubility: Sparingly soluble in ethanol, very soluble in water

Applications:

- Widely be used in the production of pharmaceuticals, herbicides, plant growth regulators and dye etc.
- (1) carbohydrazide is a derivative of hydrazine, with a strong reduction, can be used for the manufacture of energetic materials intermediates
 - (2)It is used as preservatives of refinery equipment, also can be used as a deoxidizing agent of boiler water treatment agent.
 - (3) It is used as crosslinking agent for elastic fibers of the chemical fiber industry.

Packing: 25 kg/paper drum

Storage: Keep out of the sun ,shady,cool and dry place ,be airtight and stored at room temperature.

Shelf life of 24 months.

微生特杀 Vicentecide



微生特杀-工业杀菌剂 经典卡松系列

产品名称	性状	适用场景						使用温度 ≤/°C	使用 pH	对抗型号
		色浆	乳液	涂料	水性墨	水处理	金属切割液			
V-K15	液体	▲	●	●	●	●	○	60	3-8	Preventol D7
V-K15Cu	液体	●	○	●	●	●	○	60	3-8	/
V-K15N	液体	●	●	●	●	●	●	60	3-8	Preventol D7 LT
V-K140	液体	●	○	●	●	●	○	60	3-8	Preventol IT14
V-K140N	液体	●	●	●	●	●	●	80	3-8	/

用途：工业生产过程中的快速杀菌剂

包装规格：25 KG/桶，200 KG/桶，IBC 桶

贮存：在避光、阴凉、干燥处，室温密闭保存。保质期 24 个月。

VICENTECIDE-INDUSTRIAL BIOCIDES Classic Kathon Series

Product Name	Form	Application						Working temperature ≤ / °C	Working pH	Counter type
		Paste	Emulsion	Coating	Water-based ink	Water treatment	Metal cutting fluid			
V-K15	Liquid	▲	●	●	●	●	○	60	3-8	Preventol D7
V-K15Cu	Liquid	●	○	●	●	●	○	60	3-8	/
V-K15N	Liquid	●	●	●	●	●	●	60	3-8	Preventol D7 LT
V-K140	Liquid	●	○	●	●	●	○	60	3-8	Preventol IT14
V-K140N	Liquid	●	●	●	●	●	●	80	3-8	/

Function: Rapid sterilization in industrial production processes

Packaging specifications: 25 KG/barrel, 200 KG/barrel, IBC barrel

Storage: Keep it out of sun, store in a shady, cool, and dry place, sealed at room temperature. The shelf life is 24 months.

微生特杀 Vicentecide

微生特杀-工业杀菌剂 卡松复配系列

产品名称	性状	适用场景						使用温度≤ /°C	使用 pH	对抗型号
		色浆	乳液	涂料	水性墨	水处理	金属切割液			
V-FK	液体	●	○	●	○	▲	●	60	3-8	Mergal K14 Preventol D6
V-FKN	液体	●	●	●	○	▲	●	60	3-8	Preventol D7F
V-P9K	液体	●	●	●	●	●	●	60	3-8	Preventol P91

用途：工业生产过程中的快速杀菌剂

包装规格：25 KG/桶，200 KG/桶，IBC 桶

贮存：在避光、阴凉、干燥处，室温密闭保存。保质期 24 个月。

VICENTECIDE-INDUSTRIAL BIOCIDES Upgraded Kathon Series

Product Name	Form	Application						Working temperature≤/ °C	Working pH	Counter type
		Paste	Emulsion	Coating	Water-based ink	Water treatment	Metal cutting fluid			
V-FK	Liquid	●	○	●	○	▲	●	60	3-8	Mergal K14 Preventol D6
V-FKN	Liquid	●	●	●	○	▲	●	60	3-8	Preventol D7F
V-P9K	Liquid	●	●	●	●	●	●	60	3-8	Preventol P91

Function: Rapid sterilization in industrial production processes

Packaging specifications: 25 KG/barrel, 200 KG/barrel, IBC barrel

Storage: Keep it out of sun, store in a shady, cool, and dry place, sealed at room temperature. The shelf life is 24 months.

微生特杀 Vicentecide

微生特杀-工业杀菌剂
新型快速杀菌剂系列

产品名称	性状	适用场景						使用温度 ≤/ °C	使用 pH	对抗型号
		色浆	乳液	涂料	水性墨	水处理	金属切割液			
V-DA20	液体	●	●	●	○	●	●	80	4-8	Amerstat 300 Reputain D20
V-DA15(for RO)	液体	○	○	○	○	▲	○	80	4-8	RO-045
V-P100	粉末	○	○	▲	○	▲	○	80	3-8	/
V-P30	液体	●	●	●	○	●	●	80	3-8	Reputain B30
V-P20	液体	●	●	●	●	●	●	80	3-8	Proxel 107

用途：工业生产过程中的快速杀菌剂
包装规格：25 KG/桶，200 KG/桶，IBC 桶
贮存：在避光、阴凉、干燥处，室温密闭保存。保质期 24 个月。

VICENTECIDE-INDUSTRIAL BIOCIDES
New Rapid Biocides Series

Product Name	Form	Application						Working temperature ≤/ °C	Working pH	Counter type
		Paste	Emulsion	Coating	Water-based ink	Water treatment	Metal cutting fluid			
V-DA20	Liquid	●	●	●	○	●	●	80	4-8	Amerstat 300 Reputain D20
V-DA15(for RO)	Liquid	○	○	○	○	▲	○	80	4-8	RO-045
V-P100	Powder	○	○	▲	○	▲	○	80	3-8	/
V-P30	Liquid	●	●	●	○	●	●	80	3-8	Reputain B30
V-P20	Liquid	●	●	●	●	●	●	80	3-8	Proxel 107

Function: Rapid sterilization in industrial production processes
Packaging specifications: 25 KG/barrel, 200 KG/barrel, IBC barrel
Storage: Keep it out of sun, store in a shady, cool, and dry place, sealed at room temperature. The shelf life is 24 months.

微生特净 Vicenteclean

微生特净-工业防腐防霉剂 经典防腐防霉剂MBS系列

产品名称	性状	适用场景						使用温度 ≤/ °C	使用 pH	对抗型号
		色浆	乳液	涂料/胶 粘剂	水性墨	增稠剂	金属切 割液			
C-KB60	液体	●	●	●	●	●	●	80	2-10	Proxel BC Bactrachem BFG
C-MB25	液体	▲	●	▲	●	●	●	80	2-10	Acticide MBS
C-MB25+	液体	▲	●	▲	●	●	●	80	2-10	Acticide MBS 2550
C-MB50	液体	▲	●	▲	●	●	●	80	2-10	Acticide MBS 5050
C-MB50+	液体	▲	●	▲	●	●	●	80	2-10	/
C-MB100D	分散体	▲	●	▲	●	●	○	80	2-10	Acticide CBM

用途：罐内防腐防霉，延长产品保质期。

包装规格：25 KG/桶，200 KG/桶，IBC 桶

贮存：在避光、阴凉、干燥处，室温密闭保存。保质期 24 个月。

VICENTECLEAN-INDUSTRIAL ANTI-CORROSION AND MOLD INHIBITOR Classic MBS Biocides Series

Product Name	Form	Application						Working temperature e ≤/ °C	Workin g pH	Counter type
		Paste	Emulsion	Coatings & Adhesives	Water-based ink	Thickener	Metal cutting fluid			
C-KB60	Liquid	●	●	●	●	●	●	80	2-10	Proxel BC Bactrachem BFG
C-MB25	Liquid	▲	●	▲	●	●	●	80	2-10	Acticide MBS
C-MB25+	Liquid	▲	●	▲	●	●	●	80	2-10	Acticide MBS 2550
C-MB50	Liquid	▲	●	▲	●	●	●	80	2-10	Acticide MBS 5050
C-MB50+	Liquid	▲	●	▲	●	●	●	80	2-10	/
C-MB100D	Dispersion	▲	●	▲	●	●	○	80	2-10	Acticide CBM

Function: Anti corrosion and mold prevention in-can, extending the product shelf life.

Packaging specifications: 25 KG/barrel, 200 KG/barrel, IBC barrel

Storage: Keep it out of sun, store in a shady, cool, and dry place, sealed at room temperature. The shelf life is 24 months.



微生特净-工业防腐防霉剂 经典防腐防霉剂BIT 系列

产品名称	性状	适用场景						使用温度 ≤/ °C	使用 pH	对抗型号
		色浆	乳液	涂料/胶 粘剂	水性墨	增稠剂	金属切 割液			
C-B10	液体	●	●	●	●	●	●	80	8-10	Mergal 395 Proxel AQ
C-B20	液体	●	●	●	●	●	●	80	8-10	Mergal K20
C-B20D	分散体	●	▲	●	●	●	○	80	8-10	Acticide BW20
C-B40D	分散体	●	▲	●	●	●	○	80	8-10	Acticide B40
C-BT600	液体	●	●	●	●	●	●	80	5-12	Proxel TN VOK®-AP TN
C-1051	液体	▲	●	●	●	●	●	60	2-10	/

用途：罐内防腐防霉，延长产品保质期。

包装规格：25 KG/桶，200 KG/桶，IBC 桶

贮存：在避光、阴凉、干燥处，室温密闭保存。保质期 24 个月。

VICENTECLEAN-INDUSTRIAL ANTI-CORROSION AND MOLD INHIBITOR Classic BIT Biocides Series

Product Name	Form	Application						Working temperature ≤/ °C	Working pH	Counter type
		Paste	Emulsion	Coatings & Adhesives	Water-based ink	Thickener	Metal cutting fluid			
C-B10	Liquid	●	●	●	●	●	●	80	8-10	Mergal 395 Proxel AQ
C-B20	Liquid	●	●	●	●	●	●	80	8-10	Mergal K20
C-B20D	Dispersion	●	▲	●	●	●	○	80	8-10	Acticide BW20
C-B40D	Dispersion	●	▲	●	●	●	○	80	8-10	Acticide B40
C-BT600	Liquid	●	●	●	●	●	●	80	5-12	Proxel TN VOK®-AP TN
C-1051	Liquid	▲	●	●	●	●	●	60	2-10	/

Function: Anti corrosion and mold prevention in-can, extending the product shelf life.

Packaging specifications: 25 KG/barrel, 200 KG/barrel, IBC barrel

Storage: Keep it out of sun, store in a shady, cool, and dry place, sealed at room temperature. The shelf life is 24 months.

微生特净 Vicenteclean

微生特净-工业防腐防霉剂
缓释防腐防霉剂系列

产品名称	性状	适用场景						使用温度 ≤/ °C	使用 pH	对抗型号
		色浆	乳液	涂料/胶 粘剂	水性墨	增稠剂	金属切 割液			
C-HF10	液体	●	▲	●	●	●	●	60	4-7	Nipaguard DMDMH
C-HFI	液体	●	●	▲	●	●	●	60	4-9	/
C-HFK	液体	●	●	●	●	●	●	60	3-8	Troysan 174, Troysan 186
C-EFK	液体	●	●	●	●	●	●	60	3-8	Descocide 9
C-EFI	液体	●	●	▲	●	●	●	60	4-9	/
C-MTI	液体	●	●	●	●	●	●	80	2-9	Microcare MTI
C-BCC	液体	▲	●	●	●	●	●	80	3-9	/

用途：罐内防腐防霉，延长产品保质期。

包装规格：25 KG/桶，200 KG/桶，IBC 桶

贮存：在避光、阴凉、干燥处，室温密闭保存。保质期 24 个月。

VICENTECLEAN-INDUSTRIAL ANTI-CORROSION AND MOLD INHIBITOR
Slow Release Anti-corrosion And Anti Mold Series

Product Name	Form	Application						Working temperature ≤/ °C	Working pH	Counter type
		Paste	Emulsion	Coatings & Adhesives	Water-based ink	Thickener	Metal cutting fluid			
C-HF10	Liquid	●	▲	●	●	●	●	60	4-7	Nipaguard DMDMH
C-HFI	Liquid	●	●	▲	●	●	●	60	4-9	/
C-HFK	Liquid	●	●	●	●	●	●	60	3-8	Troysan 174, Troysan 186
C-EFK	Liquid	●	●	●	●	●	●	60	3-8	Descocide 9
C-EFI	Liquid	●	●	▲	●	●	●	60	4-9	/
C-MTI	Liquid	●	●	●	●	●	●	80	2-9	Microcare MTI
C-BCC	Liquid	▲	●	●	●	●	●	80	3-9	/

Function: Anti corrosion and mold prevention in-can, extending the product shelf life.

Packaging specifications: 25 KG/barrel, 200 KG/barrel, IBC barrel

Storage: Keep it out of sun, store in a shady, cool, and dry place, sealed at room temperature. The shelf life is 24 months.



微生特盾-干膜抑菌防藻剂 涂料干膜防霉灭藻系列

产品名称	性状	不含 VOC	适用场景					使用温度 ≤ / °C	使用 pH	对抗型号
			涂料	石膏	木材	胶粘剂/ 颜料	塑料			
S-DC100	粉末	▲	●	▲	●	●	●	120	2-10	/
S-DC20	液体	▲	●	●	●	●	○	80	2-10	Rozone 2000
S-DC30D	分散体	▲	●	●	●	●	○	80	2-10	Acticide DCX30
S-I20	液体	▲	●	○	●	●	○	80	2-10	Polyphase AF-1
S-I30	液体	▲	●	○	●	●	○	80	2-10	Polyphase AF-3
S-I40	液体	○	●	●	●	●	○	120	2-10	/

用途：干膜抑菌防腐，防止藻类滋生。

包装规格：25 KG/包（固体），25 KG/桶，200 KG/桶，IBC 桶

贮存：在避光、阴凉、干燥处，室温密闭保存。保质期 24 个月。

VICENTESHIELD- DRY FILM ANTIBACTERIAL AND ALGAL PREVENTOR Dry Film Antibacterial And Algal Prevention Series

Product Name	Form	VOC Free	Application					Working temperature ≤ / °C	Working pH	Counter type
			Coatings	Gypsum	Wood	Adhesive & pigment	Plastic			
S-DC100	Powder	▲	●	▲	●	●	●	120	2-10	/
S-DC20	Liquid	▲	●	●	●	●	○	80	2-10	Rozone 2000
S-DC30D	Dispersion	▲	●	●	●	●	○	80	2-10	Acticide DCX30
S-I20	Liquid	▲	●	○	●	●	○	80	2-10	Polyphase AF-1
S-I30	Liquid	▲	●	○	●	●	○	80	2-10	Polyphase AF-3
S-I40	Liquid	○	●	●	●	●	○	120	2-10	/

Function: Dry film antibacterial and anti-corrosion, preventing the growth of algae.

Packaging specifications: 25 KG/bag (for powder), 25 KG/barrel, 200 KG/barrel, IBC barrel

Storage: Keep it out of sun, store in a shady, cool, and dry place, sealed at room temperature. The shelf life is 24 months.

微生特盾 Vicenteshield

微生特盾-干膜抑菌防藻剂 涂料干膜防霉灭藻系列

产品名称	性状	不含 VOC	适用场景					使用温度 ≤/ °C	使用 pH	对抗型号
			涂料	石膏	木材	胶粘剂/ 颜料	塑料			
S-EFO	液体	▲	●	●	●	●	○	80	6-10	Mycavoid FC
S-O10	液体	▲	●	○	●	●	○	80	2-9	Mycavoid FC
S-Z55B	分散体	▲	●	○	●	●	○	140	2-10	Proxel BZ plus
S-Z40D	分散体	▲	●	●	●	●	○	60	2-10	Acticide ZPD1
S-Z100	粉末	▲	●	▲	○	●	●	120	2-10	Zinc Omadine Power

用途：干膜抑菌防腐，防止藻类滋生。

包装规格：25 KG/包（固体），25 KG/桶，200 KG/桶，IBC 桶

贮存：在避光、阴凉、干燥处，室温密闭保存。保质期 24 个月。

VICENTESHIELD- DRY FILM ANTIBACTERIAL AND ALGAL PREVENTOR Dry Film Antibacterial And Algal Prevention Series

Product Name	Form	VOC Free	Application					Working temperature ≤ / °C	Working pH	Counter type
			Coatings	Gypsum	Wood	Adhesive & pigment	Plastic			
S-EFO	Liquid	▲	●	●	●	●	○	80	6-10	Mycavoid FC
S-O10	Liquid	▲	●	○	●	●	○	80	2-9	Mycavoid FC
S-Z55B	Dispersion	▲	●	○	●	●	○	140	2-10	Proxel BZ plus
S-Z40D	Dispersion	▲	●	●	●	●	○	60	2-10	Acticide ZPD1
S-Z100	Powder	▲	●	▲	○	●	●	120	2-10	Zinc Omadine Power

Function: Dry film antibacterial and anti-corrosion, preventing the growth of algae.

Packaging specifications: 25 KG/bag (for powder), 25 KG/barrel, 200 KG/barrel, IBC barrel

Storage: Keep it out of sun, store in a shady, cool, and dry place, sealed at room temperature. The shelf life is 24 months.



微生特盾-干膜抑菌防藻剂 涂料干膜防霉灭藻系列

产品名称	性状	不含 VOC	适用场景					使用温度 ≤ / °C	使用 pH	对抗型号
			Coatings	Gypsum	Wood	Adhesive & pigment	Plastic			
S-O20	液体	▲	●	○	●	●	○	80	2-9	Acticide OTW
S-O45	液体	○	●	○	●	●	○	120	2-9	BIOX M605
S-OP30	液体	○	●	○	▲	●	○	80	2-11	Omadine IPBC
S-OD25	液体	▲	▲	○	●	●	○	60	3-10	/
S-DCT95	分散体	▲	▲	○	●	●	○	60	2-12	Mergal S89
S-DCT25	分散体	▲	▲	○	●	●	○	60	2-12	Acticide SR1138
S-MW100	粉末	▲	○	○	○	▲	●	120	2-8	/
S-MW40	液体	○	●	○	○	▲	○	60	2-8	BIOBANTM 551S

用途：干膜抑菌防腐，防止藻类滋生。

包装规格：25 KG/包（固体），25 KG/桶，200 KG/桶，IBC 桶

贮存：在避光、阴凉、干燥处，室温密闭保存。保质期 24 个月。

*S-MW100 和 S-MW40 可用于造纸

VICENTESHIELD- DRY FILM ANTIBACTERIAL AND ALGAL PREVENTOR Dry Film Antibacterial And Algal Prevention Series

Product Name	Form	VOC Free	Application					Working temperature ≤ / °C	Working pH	Counter type
			涂料	石膏	木材	胶黏剂/ 颜料	塑料			
S-O20	Liquid	▲	●	○	●	●	○	80	2-9	Acticide OTW
S-O45	Liquid	○	●	○	●	●	○	120	2-9	BIOX M605
S-OP30	Liquid	○	●	○	▲	●	○	80	2-11	Omadine IPBC
S-OD25	Liquid	▲	▲	○	●	●	○	60	3-10	/
S-DCT95	Dispersion	▲	▲	○	●	●	○	60	2-12	Mergal S89
S-DCT25	Dispersion	▲	▲	○	●	●	○	60	2-12	Acticide SR1138
S-MW100	Powder	▲	○	○	○	▲	●	120	2-8	/
S-MW40	Liquid	○	●	○	○	▲	○	60	2-8	BIOBANTM 551S

Function: Dry film antibacterial and anti-corrosion, preventing the growth of algae.

Packaging specifications: 25 KG/bag (for powder), 25 KG/barrel, 200 KG/barrel, IBC barrel

Storage: Keep it out of sun, store in a shady, cool, and dry place, sealed at room temperature. The shelf life is 24 months.

*S-MW100 and S-MW40 can be used for papermaking.

微生特护

Vicentecare

微生特护-日化杀菌剂

产品名称	性状	适用场景				主要成分及功能
		化妆品	色浆	宠物清洁	纺织助剂	
VC-KA	液体	●	●	●	●	壳聚糖季铵盐
VC-DA	液体	○	●	○	○	食品级 DBNPA
VC-M10	液体	●	●	○	○	化妆品级甲基异噻唑啉酮
VC-PE	液体	●	○	●	○	化妆品级苯氧乙醇
VC-52A	液体	○	○	●	○	戊二醛
VC-9812	分散体	○	○	○	●	鞋材/织物防霉整理剂
VC-Z40	分散体	○	○	○	●	鞋材/织物防霉整理剂
VC-E10	液体	○	○	●	●	天然桉树精油抗螨剂
VC-D5	液体	○	○	●	●	菊酯类抗虫整理剂
VC-BBC	液体	○	●	○	○	符合 EN71 标准的防腐剂

用途：适用于日化产品和纺织工业中添加的杀菌剂。

包装规格：25 KG/包（固体），25 KG/桶，200 KG/桶，IBC 桶

贮存：在避光、阴凉、干燥处，室温密闭保存。保质期 24 个月。

VICENTECIDE-INDUSTRIAL BIOCIDES

Product Name	Form	Application				Main ingredients and functions
		Cosmetics	Paste	Pets cleaning	Textile auxiliaries	
VC-KA	Liquid	●	●	●	●	Chitosan quaternary ammonium salt
VC-DA	Liquid	○	●	○	○	Food grade DBNPA
VC-M10	Liquid	●	●	○	○	Cosmetic grade methylisothiazolinone
VC-PE	Liquid	●	○	●	○	Cosmetic grade phenoxyethanol
VC-52A	Liquid	○	○	●	○	Glutaraldehyde
VC-9812	Dispersion	○	○	○	●	Shoe material/fabric anti mold finishing agent
VC-Z40	Dispersion	○	○	○	●	Shoe material/fabric anti mold finishing agent
VC-E10	Liquid	○	○	●	●	Natural Eucalyptus Essential Oil Anti mite Agent
VC-D5	Liquid	○	○	●	●	Pyrethroid insecticidal finishing agent
VC-BBC	Liquid	○	●	○	○	Preservatives that meet EN71 standards

Function: Suitable for daily chemical products and textile industries.

Packaging specifications: 25 KG/bag (for powder), 25 KG/barrel, 200 KG/barrel, IBC barrel

Storage: Keep it out of sun, store in a shady, cool, and dry place, sealed at room temperature. The shelf life is 24 months.

微生特银 Vicente Ag



微生特银-第四代银离子工业杀菌防腐剂

产品名称	性状	适用场景							使用温度 ≤/°C	使用 pH
		色浆	粉末涂料	水性涂料	水性墨	塑料/色母粒	金属切割液	纺织助剂		
Ag-β	液体	●	○	●	●	○	○	○	120	2-12
Ag-α	液体	●	○	●	●	●	●	○	120	2-12
Ag-F	粉末	○	●	○	○	●	○	●	250	2-12
Ag-K	液体	○	○	○	○	○	○	●	120	2-12
Ag-KA	液体	○	○	○	○	○	○	●	120	2-12

包装规格：5KG/纸箱（固体），25 KG/包（固体），25 KG/桶，200 KG/桶，IBC 桶

贮存：在避光、阴凉、干燥处，室温密闭保存。保质期 24 个月。

VICENTE AG- FOURTH GENERATION SILVER ION INDUSTRIAL BIOCIDES

Product Name	Form	Application							Working temperature ≤/°C	Working pH
		Paste	Powder coating	Water-based coating	Water-based ink	Plastic & Masterbatch	Metal cutting fluid	Textile auxiliaries		
Ag-β	Liquid	●	○	●	●	○	○	○	120	2-12
Ag-α	Liquid	●	○	●	●	●	●	○	120	2-12
Ag-F	Powder	○	●	○	○	●	○	●	250	2-12
Ag-K	Liquid	○	○	○	○	○	○	●	120	2-12
Ag-KA	Liquid	○	○	○	○	○	○	●	120	2-12

Packaging specifications: 5KG/carton (for powder), 25 KG/bag (for powder), 25 KG/barrel, 200 KG/barrel, IBC barrel

Storage: Keep it out of sun, store in a shady, cool, and dry place, sealed at room temperature. The shelf life is 24 months.

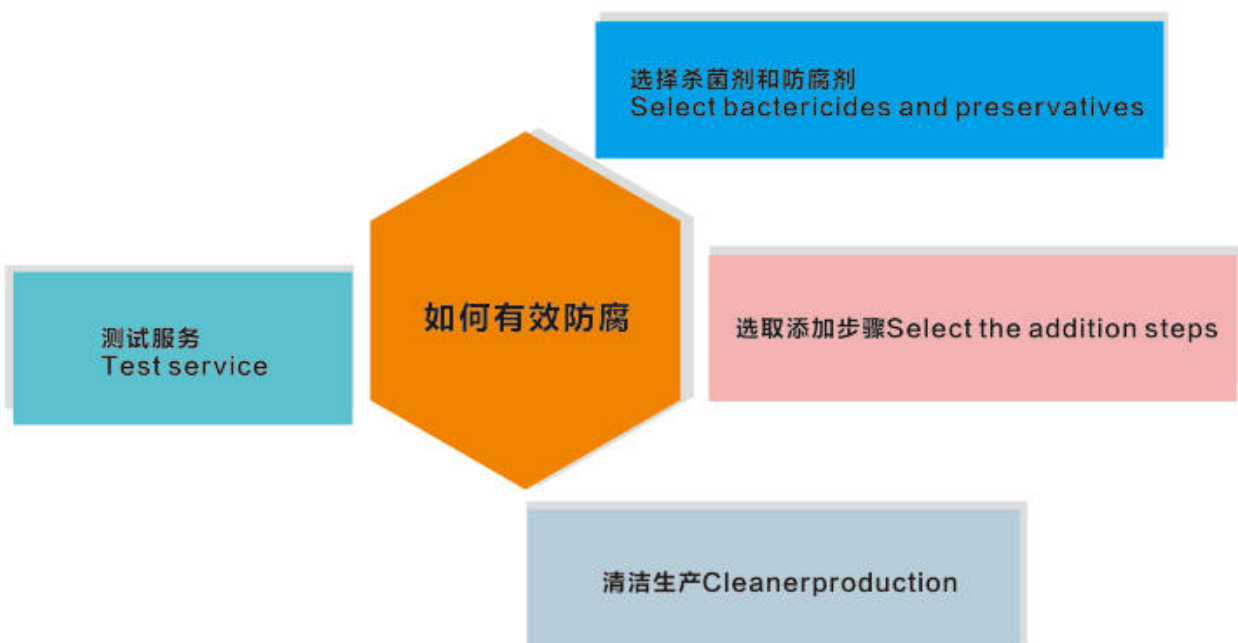
测试服务|Test Service

甲醛残留量测试 Formaldehyde Residue Test
防腐剂鉴定与含量测试 Preservatives Identification & Content Analysis
防腐剂残留量测试 Preservative Residue Analysis

微生物鉴定 Microbes Identification
菌落数测试 Colony Count Test
抑菌圈测试 Inhibition Zone Test
微生物挑战测试 Microbial Challenge Test

在微生物控制剂的生产操作中，围绕如何有效防腐，配合实验室测试服务，做好以下四个方面工作，可以确保产品保质。

In the production of coatings, focusing on how to effective Antisepsis, cooperate with laboratory testing services, do the following four aspects of work, can ensure the quality of products.



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