

南京顺恒信化工有限公司  
NANJING TRUST CHEM CO.,LTD.

**NANJING TRUST CHEM CO.,LTD.**

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# 企业简介

## ENTERPRISE INTRODUCTION



### 南京顺恒信化工有限公司 NANJING TRUST CHEM CO.,LTD

南京顺恒信化工有限公司，是生产苯并三氮唑、甲基苯并三氮唑等系列化产品的专业厂家，生产设备齐全，并拥有一批设计、生产各环节的优秀技术人员。

公司积极引进先进技术和设备、注重人才培养和技术创新，年产苯并三氮唑2500吨，甲基苯并三氮唑2000吨；已形成5个产品的设计、生产、销售一体化模式。公司产品广泛用于石油化工、电子等行业。公司已通过ISO9001、14001、18001等体系认证，并拥有自己的进出口部，为客户提供尽善尽美的服务。

创业以来，顺恒信化工秉持“和谐、永续、真诚”的经营理念，努力营造企业与客户、与员工、与社会的和谐、发展。

公司总经理魏元顺先生愿与世界各国、各地区的新老客户真诚合作、共创美好未来。



### Nanjing Trust Chem Co.,Ltd.

Nanjing Trust Chemical Co., Ltd. is specialized in producing benzotriazole, tolyltriazole series products. It owns complete production equipment and a group of excellent technicians in different fields.

Our company introduced advanced technology and equipment. It treasures talents training and technological innovation. The annual production capacity of benzotriazole and tolyltriazole reaches 2500 tons and 2000 tons separately. The integration of design, production and sale for five kinds of products have been formed. The products are widely used in the fields of petrochemical, electronic etc.. The company has passed ISO9001, 14001, 18001 Authentication, etc. It has its own export department to serve the customers with perfect service.

Since its establishment, the company tries its best to build the harmony among enterprise, customers, employee and society with the managing philosophy of "Harmony, Permanent, and Sincerity".

Mr. Wei Yuanshun, general manager of our company, would like to cooperate with all new and old clients to create a bright future.



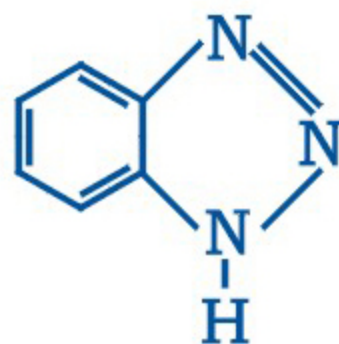
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HARMONY, CONSISTENT, SINCERITY



## 1,2,3-苯并三氮唑

- [简称] BTA
- [俗名] T706防锈剂
- [分子式]  $C_6H_5N_3$
- [分子量] 119
- [CAS] 95-14-7
- [外观] 白色针状晶体，可加工成大片状、小片颗粒状、柱状、精细颗粒状、粉状。
- [特性] 本品味苦、无臭，沸点 $204^{\circ}\text{C}$ (15mmHg)，微溶于水，溶于醇、苯、甲苯、氯仿及二甲基甲酰胺等有机溶剂。
- [用途] 本产品广泛应用于防锈剂、防冻液、油类抗氧化剂(各种润滑油、液压油、刹车油、变压器油)，乳化剂、水质稳定剂、聚酰胺、聚酯等高分子材料的耐紫外或抗静电添加剂、照相防雾剂、乳化媒染剂、PVC发泡抑制剂、分析试剂、铜矿浮选剂及金属缓蚀剂。
- [安全性] 非易燃易爆品，非腐蚀品，低毒小鼠急性中毒LD50965mg/kg
- [包装] 塑料编织袋、复合袋、纸板桶、全纸桶、铁桶，内衬塑料袋
- [净重] 20kg, 25kg, 500kg



[质量指标]

指标名称	指标
纯度	$\geq 99.8\%$
色度	$\leq 40$ 号
水分	$\leq 0.04\%$
熔点	$\geq 97^{\circ}\text{C}$
灰份	$\leq 0.03\%$
PH值	5-6

## 1,2,3-BENZOTRIAZOLE

Chemical Name: BTA  
Common Name: T706 Rust Preventives  
Molecular Formula:  $C_6H_5N_3$   
Molecular Weight: 119  
CAS: 95-14-7

Shape: White needle-shape crystalloids, it can be processed to be big or small flake, column, fine granular, powder.

Properties: It is bitter, odorless, boiling point is  $204^{\circ}\text{C}$  (15mmHg), soluble in alcohol, benzene, toluene, chloroform and dimethylformamide, and slightly soluble in water.

Usage: It's mainly used as rust-preventer, antifreezing liquid, antioxidant additive (including lubricating oil, hydraulic oil, brake oil, transformer's oil), emulgent, water stabilizer, the additive for high molecular materials' (polyester and polyesteramide) capacity of ultraviolet resistance and anti-static electricity, photographic antifogging agent, copper mine flotation, metal's slow corrosion etc.

Safety Properties: It's not inflammable or explosive or corrosive, low poison and the LD50 for small mouse is 965mg/kg.

Packing: plastic woven bag, multiple bag, cardboard drum, all-paper drum, metal drum lined with plastic bag

Net Weight: 20kg, 25kg, 500kg

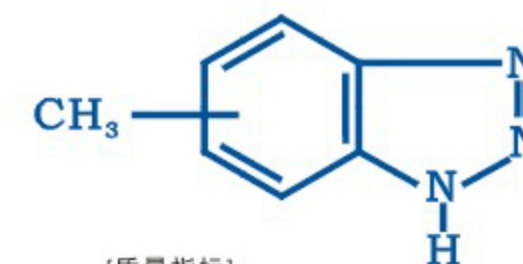


Quality Guide

Guide name	Guide
Purity	$\geq 99.8\%$
Chroma	$\leq 40$
Moisture	$\leq 0.04\%$
Melting point	$\geq 97^{\circ}\text{C}$
Ash content	$\leq 0.03\%$
PH value	5-6

## 甲基苯并三氮唑

- [简称] TTA
- [分子式]  $C_7H_7N_3$
- [分子量] 133.15
- [CAS] 29385-43-1



[质量指标]

指标名称	指标
外观	白色颗粒或粉末
纯度	$\geq 99.5\%$
水分	$\leq 0.2\%$
熔点	$80-86^{\circ}\text{C}$
灰份	$\leq 0.05\%$
PH值	5.5-6.5



- [特性] 纯品系白色颗粒或粉末，是4-甲基苯并三氮唑与5-甲基苯并三氮唑的混合物，熔点 $80-86^{\circ}\text{C}$ ，难溶于水，溶于醇、苯、甲苯、氯仿等有机溶剂，可溶于稀碱液。
- [用途] 本品主要用于金属(如银、铜、铅、镍、锌等)的防锈剂和缓蚀剂，广泛用于防锈油(脂)类产品中，多用于铜及铜合金的气相缓蚀剂、润滑油添加剂、循环水处理剂、汽车防冻液。本品也可与多种阻垢剂、杀菌灭藻剂配合使用，尤其对封闭循环冷却水系统缓蚀效果甚佳。
- [包装] 复合袋、纸板桶、全纸桶、铁桶，内衬塑料袋
- [净重] 20kg, 25kg, 500kg
- [储藏] 本品易吸湿，应存放在通风、干燥处，不得和食物与种子混放。

## TOLYLTRIAZOLE

Chemical Name: tolyltriazole or TTA  
Molecular Formula:  $C_7H_7N_3$   
Molecular Weight: 133.15

CAS: 29385-43-1

Properties: Pure product is white granule or powder, it is a mixture of 4-methyl-benzotriazole and 5-methyl-benzotriazole, the melting point is from  $80^{\circ}\text{C}$  to  $86^{\circ}\text{C}$ , soluble in alcohol, benzene, toluene, chloroform and watery lye, and hardly soluble in water.

Usage: It is mainly used as antirust and corrosion inhibitor for metals (such as silver, copper, zinc, lead, nickel, etc.), and for antirust oil (tallow) products, the gas phase corrosion inhibitor of copper and alday, lubricant additive, cycle water treating compound and auto antifreeze. It also can be concernedly used with manifold sterilization algacide and has a very fine corrosion mitigation effect on close cycle cooling water system.

Packing: multiple bag, cardboard drum, all-paper drum, metal drum lined with plastic bag

Net Weight: 20kg, 25kg, 500kg

Storage: Easy to wet, please put in aeration, dryness place, do not mix it with food and seed.

Quality Guide

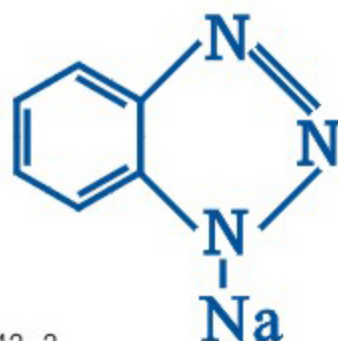
Guide name	Guide
Appearance	White granule or powder
Purity	$\geq 99.5\%$
Moisture	$\leq 0.2\%$
Melting point	$80-86^{\circ}\text{C}$
Ash content	$\leq 0.05\%$
PH value	5.5-6.5



## 苯并三氮唑钠(BTA-S)

■ [分子式] C<sub>6</sub>H<sub>4</sub>N<sub>3</sub>Na

■ [分子量] 141.11



[质量指标]

指标名称	指标
外观	澄清淡黄色液体
含量	≥40%
氯含量	≤100 (ppm)
氢氧化钠	≤0.5%
密度	1.13-1.19 g/ml(24℃)
PH值	11.2-11.8

■ [CAS] 15217-42-2

■ [特性] 本品非剧毒、非腐蚀、非易爆品，溶于水、氯仿、苯、甲苯等有机溶剂可与低级醇、乙二醇按任何比例混溶。

■ [用途] BTA-S吸附在金属表面上形成一层很薄的膜，保护铜、黄铜、青铜及其它金属免受大气和有害介质的腐蚀，在冷水中添加微量BTA-S可防止铜离子的迁移，迁移铜离子能催化铝、铁等金属的腐蚀，在传热介质中，铜离子能引起铝小孔腐蚀。向循环水中加入BTA-S可防止铜离子对乙二醇催化氧化形成酸造成的严重腐蚀。因此，在太阳能转化系统、核电站反应堆和发电厂锅炉的冷却系统，汽车发动机和内燃机冷却系统中得到广泛应用。BTA-S与其它缓蚀剂复合使用，具有协同效应。增加其缓蚀效果。

■ [包装] 净重25kg白色塑料桶，250kg的全塑桶。

## SODIUM 1,2,3-BENZOTRIAZOLE

Molecular Formula: C<sub>6</sub>H<sub>4</sub>N<sub>3</sub>Na

Molecular Weight: 141.11

Quality Guide

Guide name	Guide
Appearance	Clear light yellow liquid
Content	≥40%
Chlorine content	≤100 (ppm)
Sodium hydroxide (NaOH)	≤0.5%
Density	1.13-1.19 g/ml(24℃)
PH value	11.2-11.8

[CAS] 15217-42-2

**Properties:** No toxic, no corrosive, no explosives; soluble in water, chloroform, benzene, toluene, mixed with lower alcohol and glycol in any ratio.

**Usage:** Used as corrosive inhibitor, widely used in solar energy converting system, the cooling system of pile in nuclear power plant, cooling system of motor engine and gas engine. Used with other inhibitor, it will get better effect.

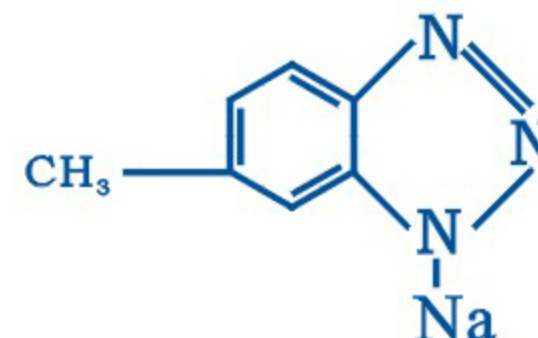
**Packing:**

Net weight 25kg in white plastic drum,  
Net weight 250kg in all-plastic drum

## 甲基苯并三氮唑钠盐

■ [分子式] C<sub>7</sub>H<sub>6</sub>N<sub>3</sub>Na

■ [分子量] 155.13



[质量指标]

指标名称	指标
外观	澄清黄色液体
含量	≥50%
氯含量	≤100 (ppm)
氢氧化钠	≤0.5%
密度	1.186-1.210 g/ml(24℃)
PH值	11.5-12.0

■ [CAS] 64665-57-2

■ [用途] 本品主要用作金属（如银、铜、铅、镍、锌等）的防锈剂和缓蚀剂，广泛用于防锈油（脂）类产品中，多用于铜及铜合金的气相缓蚀剂、润滑油添加剂、循环水处理剂、汽车防冻液。本品也可与多种阻垢剂、杀菌灭藻剂配合使用，尤其对封闭循环冷却水系统缓蚀效果甚佳。

■ [包装] 净重25kg白色塑料桶，250kg的全塑桶

## SODIUM TOLYLTRIAZOLE

Molecular Formula: C<sub>7</sub>H<sub>6</sub>N<sub>3</sub>Na

Molecular Weight: 155.13

Quality Guide

Guide name	Guide
Appearance	Clear yellow liquid
Content	≥50%
Chlorine content	≤100 (ppm)
Sodium hydroxide (NaOH)	≤0.5%
Density	1.186-1.210 g/ml(24℃)
PH value	11.5-12.0

[CAS] 64665-57-2

**Usage:** It is mainly used as antirust and corrosion inhibitor for metals (such as silver, copper, zinc, lead, nickel, etc.), and for antirust oil (tallow) products, the gas phase corrosion inhibitor of copper and copper alloy, lubricant additive, cycle water treating compound and auto antifreeze. It also can be used with manifold sterilization algacide and has a very fine corrosion mitigation effect on close cycle cooling water system.

**Packing:**

Net weight 25kg in white plastic drum,  
Net weight 250kg in all-plastic drum



## 水溶性苯并三氮唑

- [简称] 液体BTA
- [特性] 本品为苯并三氮唑改进产品，有良好的缓蚀作用，能与水以任何比例迅速互溶，且有适应范围广和使用方便等特点。

[质量指标]

指标名称	指标
外观	淡黄色透明粘稠液体
固体含量	30%-70%
PH值	5-7
密度	1.10-1.5 g/ml

- [用途] 本品用于冷却水系统，铜或铜-铁共存材质的水系统防腐。与其它缓蚀剂复合使用，具有协同效应，增加其缓蚀效果。
- [包装] 净重25kg 白色塑料桶，250kg的全塑桶。

## LIQUID BTA

Properties: This product has been processed in benzotriazole. Excellent function of corrosion mitigation, soluble in water with any proportion, wide range of application and convenient use.

### Quality Guide









Guide name	Guide
Appearance	Light yellow transparent thick liquid
Solid content	30%-70%
PH value	5-7
Density	1.10-1.5 g/ml

**Usage:**  
Used in cooling water supply system, copper or copper-iron coexist water system for corrosion inhibitor. And used together with other corrosion inhibitor.

**Packing:**  
Net weight 25kg in white plastic drum,  
Net weight 250kg in all-plastic drum

## 客户服务 CUSTOMER SERVICE

### 产品外观 Product Variety

图例 Illustration	产品名称 Product	外观形态 Appearance
	1,2,3-苯并三氮唑 1,2,3- Benzotriazole	针状 needle
	1,2,3-苯并三氮唑 1,2,3- Benzotriazole	粉末状 powder
	1,2,3-苯并三氮唑 1,2,3- Benzotriazole	颗粒状 granular
	1,2,3-苯并三氮唑 1,2,3- Benzotriazole	柱状 column
	1,2,3-苯并三氮唑 1,2,3- Benzotriazole	精细颗粒状 fine granular
	甲基苯并三氮唑 Tolytriazole	颗粒状 granular
	甲基苯并三氮唑钠盐 Sodium tolytriazole	液态 liquid
	苯并三氮唑钠盐 Sodium 1,2,3- benzotriazole	液态 liquid

### 包装形式 Packing Style





# 领先，源于品质卓越

## LEADING DERIVES FROM EXCELLENT QUALITY

为了向客户提供高质量的产品，我们在产品开发、生产、检测、销售及售后服务的全过程中，加强全员质量意识和品质管理，已通过ISO 9001、14001、18001等体系认证。

In order to supply high quality products to our customers, we strengthen the quality consciousness and quality management of our staff in the whole procedure of product development, production, testing, sales and after-sales service. Moreover, we have passed the authentication of ISO9001, 14001, 18001, etc.





順

经营策略 MANAGING PHILOSOPHY

# 和谐 HARMONY

努力营造企业与客户、与员工、与社会的和谐

BUILD THE HARMONY AMONG ENTERPRISE AND EMPLOYEES & PRODUCTS

恒

经营方针 MANAGING POLICY

# 永续 CONSISTENT

基业长青、永续经营，与时俱进

BUSINESS IS LONG, CONSISTENT MANAGEMENT, ADVANCE WITH TIMES

信

价值观 VALUES

# 真诚 SINCERITY

诚实、守信、责任，是立业之本

HONESTY, CREDIT AND RESPONSIBILITY IS THE ROOT OF ENTERPRISE



**順恒信  
超越您的期望**

技术优良  
合乎时代潮流  
研究开发力旺盛  
积极性  
具有现代感  
企业规模大  
认真倾听客户声音  
信赖感  
稳定性高  
国际化竞争力强  
经营者优秀  
对客户服务周到  
销售网相当完善  
对社会贡献大

**TRUST  
SURPASS YOUR  
EXPECTATION**

Advanced Technology  
Keep Up With Tides  
Fecund R&D Ability  
Activity  
Modernization  
Large-Scale  
Listen To Customers  
Credit  
High Stability  
Strong Competitive  
Excellent Manager  
Considerate Service  
Complete Sales Network  
Contribute To Society

**尽善尽美，服务全球**

Serve the world with perfect service

