



湖北天安日用化工有限公司

**创新理念:** 致力于前沿的产品研发, 以优质的成果改善人类的生活质量。  
INNOVATION IDEA: Pay attention to the research of worldwide science, to refine the human being's life with our research.

**团队精神:** 开放、诚实、信任、包容。  
TEAM SPIRIT: Open, honesty, and social inclusion.

**服务宗旨:** 力求满足客户的需求, 以追求客户满意为最高目标。  
SERVICE MISSION: Try our best to meet customers' need, and make them content with us as the aim.

**责任态度:** 对员工负责、对客户负责、对股东负责、对社会负责。  
DUTY AND ATTITUDE: Be responsible to the employees, the customers, the shareholders and the society.

**诚信原则:** 务实求真、恪守承诺, 坚持最高标准的商业道德操守。  
HONESTY PRINCIPLE: Credibility, insist on the highest commercial morality.

## 公司介绍

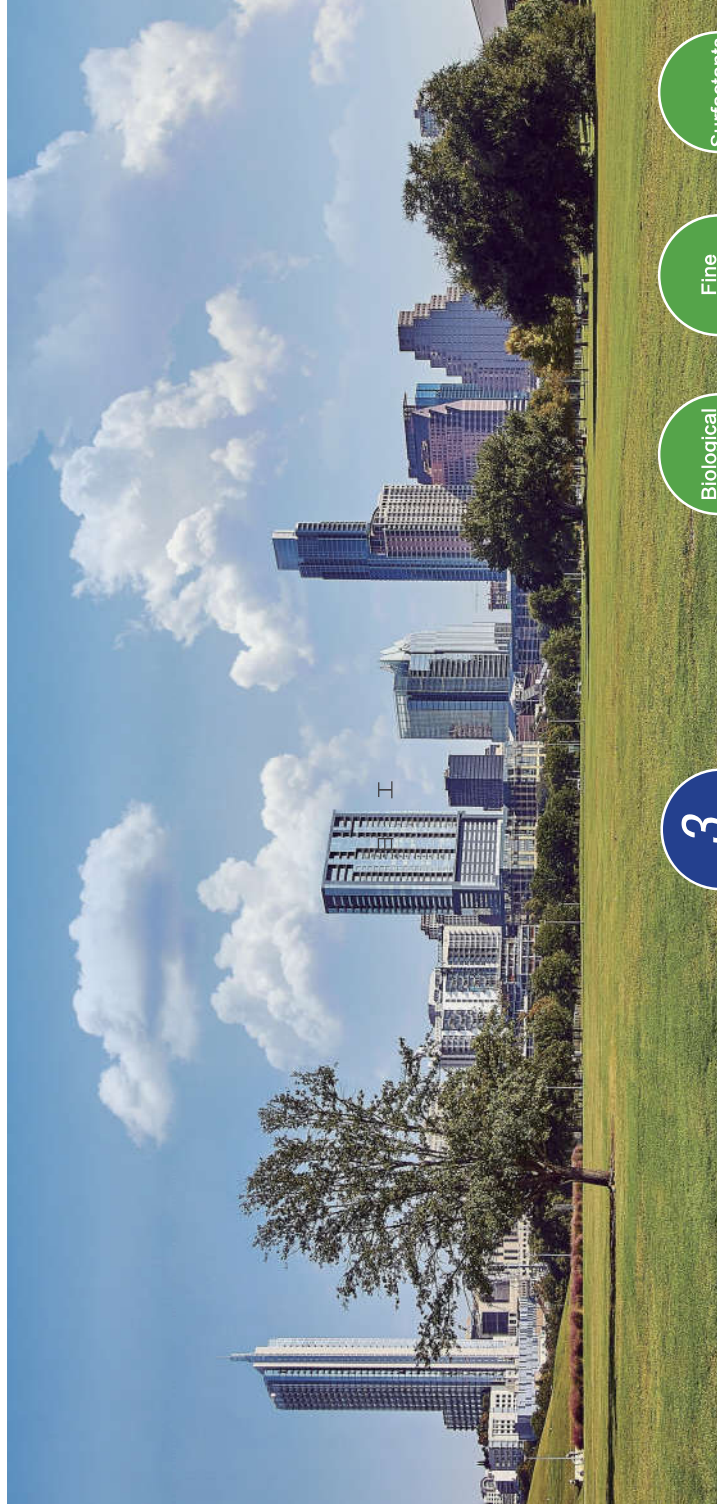
## COMPANY INTRODUCTION

湖北天安日用化工有限公司是黄冈永安日用化工有限公司注册成立的一家新的科技型创新公司。位于湖北省潜江市经济开发区, 年产5万吨表面活性剂及生物缓冲剂系列产品, 占地面积161000平方米, 总资产7.8亿元。

公司主要从事日用化工产品原料、生物缓冲剂和精细化工产品的生产与销售。产品结构为三大系列: 1.生物缓冲剂系列 2.精细化工系列3.日用化工表面活性剂系列。产品70%出口到欧、美、日、韩及东南亚地区。

Hubei Tianan Daily Chemical Co., Ltd is a new technological company which established by Huanggang Yongnan Daily Chemical Co., Ltd. It locates in Qianjiang Economic Development Zone of Hubei province with an annual output of 50000 tons of surfactant and biological buffer series products. It covers an area of 161,000 square meters, the total assets is RMB 780 millions.

Tianan engages in the manufacturing and selling of personal care ingredients, biological buffers and fine chemicals. It mainly offers following series products: 1. Biological buffers 2. Fine chemical 3. Surfactants. 70% sales to oversea market.



3  
Series

Biological  
buffers

Fine  
chemical

Surfactants

公司现有员工240余人, 其中产品研发员、中高级技工、具有大学文化程度的职工占企业职工总数的70%以上。公司拥有完善的科研、生产、质量控制、经营管理体系, 具有雄厚的技术开发能力和资金实力。公司是湖北省科技厅评定的高新技术企业, 通过了ISO9001, HALAL, KOSHER, REACH 认证。

公司秉持“团结、诚信、拼搏、创新”的企业理念, 坚持“质量第一, 信誉第一”的经营方针, 以“提供优质产品, 保证优良服务”为宗旨, 服务客户, 奉献社会, 致力于人类的健康事业。  
热忱欢迎海内外客商莅临公司, 会商合作, 指导工作!

Tianan is ISO9001, HALAL, KOSHER, REACH certified. It is a High-tech Enterprise granted by the Science and Technology Department of Hubei Province. It has more than 240 employees, 70% of which have college degrees. It has perfect system of research, manufacturing, quality control and operating management. Tianan has strong ability of technological development and investment.

Tianan aims to offer quality products and services needed by the public and health care professionals. It is looking forward to your inquiry and/or visit for business cooperation.

## 产品目录 >

## PRODUCT LIST

### 01/ 生物缓冲剂系列 BIOLOGICAL BUFFERS

| 产品名称             | Chemical Name     | CAS No.:    |
|------------------|-------------------|-------------|
| 1 2-(N-吗啉)乙磺酸    | MES               | 4432-31-9   |
| 2 2-(N-吗啉)乙磺酸钠   | MES Sodium Salt   | 71119-23-8  |
| 3 2-(N-吗啉)乙磺酸一水物 | MES Monohydrate   | 145224-94-8 |
| 4 4-羟乙基哌嗪乙磺酸     | HEPES             | 7365-45-9   |
| 5 4-羟乙基哌嗪乙磺酸钠    | HEPES Sodium Salt | 75277-39-3  |

### 02/ 精细化工系列 FINE CHEMICAL

| 产品名称     | Chemical Name                | CAS No.:  |
|----------|------------------------------|-----------|
| 1 羟乙基磺酸钠 | Sodium Isethionate           | 1562-00-1 |
| 2 甲基牛磺酸钠 | N-Methyl Taurine Sodium Salt | 4316-74-9 |
| 3 羟乙基磺酸  | Isethionic Acid              | 107-36-8  |

### 03/ 阴离子表面活性剂系列 ANIONIC SURFACTANT

| 产品名称         | Chemical Name                 | CAS No.:   |
|--------------|-------------------------------|------------|
| 1 椰油基羟乙基磺酸钠  | Sodium Cocoyl Isethionate     | 61789-32-0 |
| 2 月桂酰羟乙基磺酸钠  | Sodium Lauroyl Isethionate    | 7381-01-3  |
| 3 合成皂基       | Syndet Soap Base              | -          |
| 4 甲基椰油酰基牛磺酸钠 | Sodium Methyl Cocoyl Taurate  | 61791-42-2 |
| 5 甲基月桂酰基牛磺酸钠 | Sodium Methyl Lauroyl Taurate | 4337-75-1  |





Agriculture



Food processing



Biochemistry



Medicine



Photography



Daily Chemicals

## 生物缓冲剂系列 >

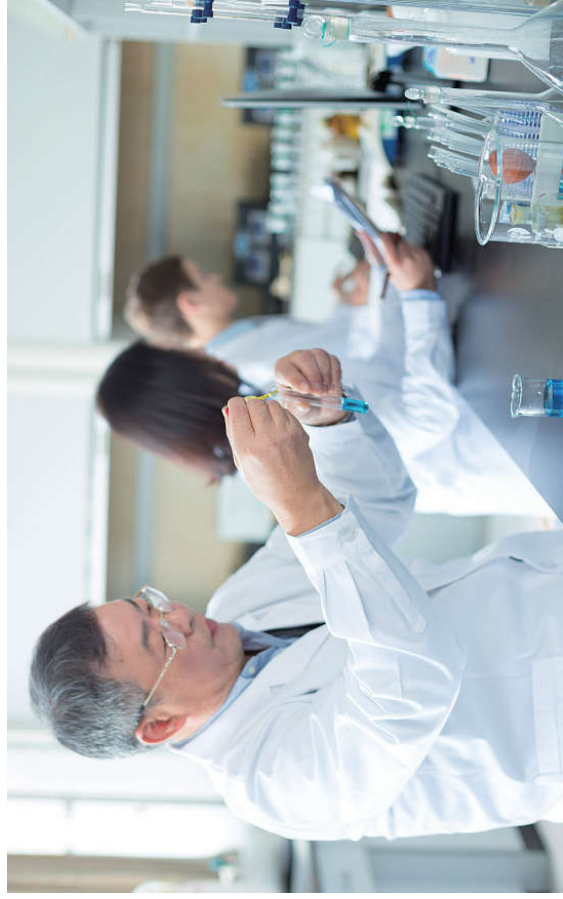
## Biological Buffers

生物缓冲剂是一种弱酸或者弱碱物质，用于维持溶液的酸碱性，使溶液在加入酸或碱之后依然保持需要的酸碱度，阻止溶液在加入酸或碱之后pH值发生快速的变化。生物缓冲剂种类繁多，溶解性好，有酸性的，有碱性的。作为pH值的调

节剂，其应用范围包括农业、食品加工、生物化学、医药和摄影等领域。在日化用途方面：降低复配产品的刺激性，剥离皮肤角质层，肤感柔软，皮肤改善性能优越。



Biological buffer is a weak acid or base used to maintain the acidity (pH) of a solution near a chosen value after the addition of another acid or base. That is, the function of a buffering agent is to prevent a rapid change in pH when acids or bases are added to the solution. Buffering agents have variable properties—some are more soluble than others; some are acidic while others are basic. As pH managers, they are important in many chemical applications, including agriculture, food processing, biochemistry, medicine and photography etc. Daily chemical usage: decrease the irritation of the compound products, peel the corneum of the skin, keeping the moisture content of the skin, excellent dermatological profile.



|   | 产品名称           | Chemical Name     | CAS No.:    |
|---|----------------|-------------------|-------------|
| 1 | 2-(N-吗啉)乙磺酸    | MES               | 4432-31-9   |
| 2 | 2-(N-吗啉)乙磺酸钠   | MES Sodium Salt   | 71119-23-8  |
| 3 | 2-(N-吗啉)乙磺酸一水物 | MES Monohydrate   | 145224-94-8 |
| 4 | 4-羟乙基哌嗪乙磺酸     | HEPES             | 7365-45-9   |
| 5 | 4-羟乙基哌嗪乙磺酸钠    | HEPES Sodium Salt | 75277-39-3  |





## 羟乙基磺酸钠 Sodium Isethionate

CAS#1562-00-1

**Molecular formula:**  $C_3H_5O_4SNa$

**Appearance:** 98% white crystalline powder or 60% solution

**Packing:** 25kgs/fibre drum ( bag ) or 250kgs/plastic drum

用途：该产品是生产椰油基羟乙基磺酸钠的主要原料。同时该产品在洗涤剂等行业广泛使用，也可用作日用化工产品(如香波、高档香皂等)中间体，医药原料及精细化工产品的中间体。

Usage: Sodium Isethionate is the main material for the product of Sodium Cocoyl Isethionate. At the same times, it is used widely in the field of washing products. It can also be used as the intermediate of shampoo, paste shampoo & detergent in daily chemical industry. Used as the pharmaceutical raw materials, the intermediate of fine chemical products.



## 甲基牛磺酸钠 N-Methyl Taurine Sodium Salt

CAS#4316-74-9

**Molecular formula:**  $C_3H_8NNaO_3S$

**Appearance:** 40% A light yellow, odorless liquid.

**Packing:** 250kgs/plastic drum or 1000kgs/IBC container

用途：该产品是多种医药原料及精细化工产品的中间体，同时也用于阴离子表面活性剂的优化和新型皮肤清洁及香皂的开发。

Usage: Used as the pharmaceutical raw materials, the intermediate of fine chemical products. It is also used in the analysis of the changing properties of anionic surfactants and the development of new skin cleansers or soaps.





## 羟乙基磺酸

### Isethionic Acid

CAS#107-36-8

**Molecular formula:**  $C_3H_6O_4S$

**Appearance:** 70% or 80% A yellow  
lucidy liquid

**Packing:** 250kgs/plastic drum or  
1000kgs/IBC container

用途：医药原料及化工中间体，在电子工业领域，该产  
品可用作电镀助剂，也可以在洗涤产品中用作表面活性剂。

Usage: Isethionic Acid used as pharmaceutical raw materi-  
als and chemical intermediate. It is an important intermediate in  
field of electroplating and liquid crystal industries, it can also be  
used as the surfactant in the washing products.

# 03 阴离子表面活性剂系列

## ANIONIC SURFACTANT



## 椰油基羟乙基磺酸钠 YA-SCI Sodium Cocoyl Isethionate

CAS#61789-32-0

**Molecular formula:**

$\text{CH}_3(\text{CH}_2)_n\text{CH}_2\text{COOC}_2\text{H}_4\text{SO}_3\text{Na}$

**Appearance:** YA-SCI-65 YA-SCI-85

**Packing:** 25kgs/fibre drum or  
500kgs/supersack

椰油基羟乙基磺酸钠作为一种温和的、高泡沫个人洗涤产品，主要用于生产合成洗涤剂。但在最近几年，也逐渐开始用它来生产其它产品，主要是生产混合皂（合成洗涤剂 and 肥皂的混合物）。由于其特性极具温和、高效，在洗面奶里作为自乳化剂，它刺激性低，泡沫细腻丰富，洗完后皮肤柔软、清爽，有丝般感觉。广泛用于生产香皂，沐浴露，洗面奶，泡沫洗脸液及洗澡液等日用化工产品。

It has been used for decades in mild, high-foaming personal cleansing products, where it provides gentle cleansing and a soft skin afterfeel which consumer prefer. Its predominant commercial use has been in syndet bar formulations, but in recent years it has been used increasingly on other product forms as well, notably in combo bars, in foaming facial washes and body washes.

| Product                | Activity(MW=343) | Appearance             |
|------------------------|------------------|------------------------|
| YA-SCI65-F/YA-SCI65-G  | 64%-68%          | Flake(片)/Granule(颗粒)   |
| YA-SCI85-G/YA-SCI-85-P | 84%Min           | Granule(颗粒)/Powder(粉末) |

### 特性 Character

- 对皮肤、眼睛温和。
- 能使皮肤软化，是天然的保湿剂，皮肤改善性能优良。
- 气味温和，具有天然椰子油的芬芳。
- 能与肥皂融合，表现出极好的钙皂分散能力。
- 发泡性能极佳，在软水硬水中都是出色的起泡剂，且不受 pH 值的影响。其配方在 pH 值接近中性的常温下能长期保持稳定，但在高温下会逐渐水解。
- 能够完全进行生物降解，以天然椰子油中的脂肪酸为基础，不会产生有害人类健康和环境的副产品。
- Mild to skin and eyes.
- It's keeping the moisture content of the skin, excellent dermatological profile.
- Gentle smell, contain the natural smell from natural coconut oil.
- It is compatible with soap and has excellent performance for lime-soap dispersability.
- Resistance to hard and salt water with high foaming properties, it is soluble in soft or hard water at all pH's. It is stable in formulations at near-neutral pH and room temperature for extended periods of time but will gradually hydrolyze at elevated temperatures.
- Biodegradable product, made from natural coconut fatty acid, no product or its by product that is harmful to human health and eco-environment.

### 应用 Appli-cations

- 肥皂：**生产出来的混合皂无论在软水或硬水中都能产生丰富泡沫，就像普通肥皂在软水中一样。这种混合皂洗涤后皮肤感觉柔软、爽滑。
- 洗发用品：**YA-SCI 的特性也使其在洗发水中作为极好的清洁成分。除了不受硬水影响、清洁效果好和发泡能力强以外，它还能让使用者的头发更易梳理。
- 沐浴露：**YA-SCI 在沐浴露中作为一种高效的发泡剂，即使与肥皂相比，也能更持久的产生泡沫，同时它能使皮肤柔软、光滑。
- 其他应用：**洗发水 + 护发素 / 沐浴露 / 沐浴露 + 润肤露 / 洁面 / 牙膏 / 洗手液等
- Soap:** "soap" bar applications at levels to provide lathering in hard or soft water similar to soaps in soft water. Its dense lather is additive to that of soap. Soap bar applications at levels to provide lathering in hard or soft water similar to soaps in soft water. Its dense lather is additive to that of soap. Such mixed soap bar has smooth and soft afterfeeling.
- Shampoos:** The properties of YA-SCI also make it an excellent shampoo detergent ingredient. Besides compatibility with hard water, good cleaning properties, and excellent lathering, it imparts hair manageability.
- Bubble Baths:** YA-SCI is recommended for use in bubble baths as a high foaming agent. It provides longer-lasting subs, even in the presence of soap, and is mild to skin.
- Other applications:** Shampoo + Conditioner/Shower Gel/Shower Gel + Body Lotion/Facial Wash/Toothpaste/Liquid Hand Soap/...etc.



## 月桂酰基羟乙基磺酸钠 YA-SLI Sodium Lauroyl Isethionate

CAS No#: 7381-01-3

Molecular formula:  $C_{14}H_{27}NaO_5S$

Appearance: white granules

Activity: 78-83%

Packing: 25kgs/fibre drum(carton)

500kgs/supersack

月桂酰羟乙基磺酸钠作为一种温和的表面活性剂，对硬水不敏感，有良好的泡沫性能与去污力。可用于洗发水、沐浴露、洗面奶、洁面粉等个人清洁用品中，常与其他表面活性剂配合制成固型美容清洁产品。

YA-SLI is a mild surfactant specifically designed for use in personal cleansing products. It has limited solubility in soft and hard water and it can be used in syndet bars and liquid systems such as shampoos, bodywashes, facial Wash, bubble bath ect.



### 特性

- C12 无盐阴离子温和表面活性剂。
- 配方产品的泡沫丰富致密、细腻。
- 调节洗发香波、沐浴液等清洗类产品配方的 pH 值，洗涤后皮肤感觉柔软、顺滑。
- 能与脂肪酸，如十四、十六、十八酸等复配使用，降低皂类产品的 pH 值，表现出极好的钙皂分散能力。
- 自身能产生珠光，改善产品珠光效果。
- 优异的抗硬水能力，其发泡基本不受水的硬度影响。
- 极佳的肤感，冲水后干净、轻松、自然。
- 能够完全进行生物降解，以月桂酸为基础，不会产生有害人类健康及环境的副产品。
- It is a sulfate-free anionic mild surfactant base on the C12.
- It is a high foaming product that provides a dense, creamy lather to the formulations.
- Adjusting the pH value of the formulation of shampoo, body wash and other personal cleaning product, it has smooth and soft afterfeeling.
- It is compatible with fatty acid such as C14,C16,C18 etc, decrease pH value of soap bar product and it has excellent performance for lime-soap dispensability.
- Improving the pear lustre for the final product.
- Resistance to hard water with high foaming properties.
- Excellent skin feeling after water rush.
- Biodegradable product, made from lauroyl fatty acid, no product or its by product that is harmful to human health and eco-environment.

### 应用

- 沐浴露：调节沐浴产品配方的 pH 值，明显改善皂类产品洗后的皮肤干燥，具有滋润，柔软感。与其它表面活性剂相比，容易冲洗干净。
- 洗发产品：能有效降低 AES 在头发上的残留量，避免头皮产生头屑，脱发。
- 皂类：与其它填充料、色素、香精或皂基混合，能制备各种滋润皂。
- 其他应用：其他温柔表面活性剂产品的开发
- Body Wash: Adjusting the pH value of the body washing products, can obviously improve the feeling of skin dryness which washed by soap products, keep skin to be moisture and soft. Easily to be wash out compare with other surfactant.
- Shampoo: Can effectively reduce the AES residual for the hair, avoid the dandruff and hair loss for the scalp.
- Soap: Combine with other component, pigment, fragrance or soap base to make various kinds of moist soaps.
- Other applications: Other application for surfactant.



## 合成皂基 > YA- Syndet Soap Base

**Packing:**  
25kgs/fibre drum or 500kgs/super sack

区别于普通皂和复合皂，专业生产以椰油基羟乙基磺酸钠为原料的合成皂基。弱酸性pH值，允许各种活性物质的加入。含乳液成分并在软、硬水中都具有强发泡能力。不需要专业设备，普通制皂设备均可以打出完美香皂。

Difference with common soap noodles and combo bars, we specialized in the Syndet Soap Base which base on the raw material SCI. With a pH value from 4.5-5.5 and could be mixed with various active substances. It's easy to dissolve in both hard and soft water with high foam. As an excellent material, it is widely used in washing products. Only need common equipment to press bars.

### 应用

### Appli- cations

- 温和和无刺激的高档洁面皂，pH 值范围 4.5-5.5，贴合人体皮肤的弱酸性。
- 功能性皮肤修复、改善皂。
- 孕婴产品，个人私护皂。
- Mild and non-irritated face cleansing soap, pH value from 4.5-5.5.
- Dermatological soaps.
- Pregnant woman and baby product, intimate skin care soap.

## 甲基椰油酰基牛磺酸钠 > YA-Sodium Methyl Cocoyl Taurate Cas#61791-42-2

## 甲基月桂酰基牛磺酸钠 > YA-Sodium Methyl Lauroyl Taurate Cas#4337-75-1

它是由天然来源的脂肪酸合成的一种新的阴离子氨基酸型表面活性剂。由于其优良的发泡性能、润滑性和温和性，可应用于许多化妆品。公司采用独特的生产工艺，产品中可以没有氯化钠且溶解后呈微黄色透明液体。

作为 AES 和氨基酸表活的替代品具有以下显著优点：

### 特性

### Character

- 环保，不会产生危害环境的副产物。
- 泡沫丰富、稳定，比氨基酸类表活表现更优异。
- 肤感柔顺，具有阳离子的调理型。
- 互配性好，跟任何其他表活都能很好的融合。
- 几乎没有任何刺激性。

It is a new anionic mild surfactant which synthesized from natural fatty acids, and can be used in many cosmetic applications due to its excellent foaming properties, lubricity and mildness. It is primarily used as a foam booster for the formulation of cream-type shampoos.

Because we use a unique production technology, can none of sodium chloride is existed in the product. It is slightly yellow transparent liquid after dissolving.





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