

天津诚远化工有限公司

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优异的质量是品牌的基石

我们将与您共创共赢，共同打造世界知名的中国品牌

Excellent quality is the cornerstone of the brand

We will work with you to create a win-win situation

together to build a world famous Chinese brand



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公司简介

天津诚远化工有限公司坐落于北方最大的港口城市天津市，是在天津港保税区注册的企业，地处渤海之滨，距离天津新港5公里之远，距离天津滨海国际机场15公里，交通便利，为我公司发展业务提供了便利条件。

天津诚远化工有限公司以加工销售96%、98%、99%工业级离子膜烧碱（化学名氢氧化钠，又称苛性钠、火碱）为主的化工企业。烧碱（片碱和固碱，粒碱）广泛应用于石油、化工、冶金、制药、电镀、造纸、印染、纺织等众多领域，是化工产业中一项最基础的碱性原料。本公司生产的工业级离子膜烧碱主要有片碱（96%，99%型）、固碱（96%，99%型）以及深受国际市场和国内精细化工领域青睐的新兴产品——粒碱（99%珠碱）。公司生产的工业级烧碱都严格遵循国家标准（GB209-2006）的规格，出口产品均有质检机构（SGS、CIQ、INTERTEK）检测。

公司有独立自主的进出口权，公司的烧碱、草酸、柠檬酸、柠檬酸钠、电石、小苏打、焦亚硫酸钠、亚硫酸氢钠、无水亚硫酸钠、硫化钠、纯碱、四氯化钛、硝酸钠、亚硝酸钠、十二烷基醚硫酸钠（SLES）、直链烷基苯磺酸、碳酸氢钠、磷酸二氢钠（MSP）、磷酸氢二钠（DSP）、磷酸三钠（TSP）、磷酸、三聚磷酸钠（STPP）、六偏磷酸钠（SHMP）等化工产品大量出口，主要地区包括东南亚、中东、欧美、非洲等100多个国家，深受国内外客户的好评。公司本着：“诚信方可长远”的理念，“产品质量第一”的原则为客户提供优良的服务及高品质的产品。“诚实守信、质量为本、科技创新、用户至上”——天津诚远化工有限公司以诚心为您服务！以品质实现承诺！



Company profile

Tianjin Chengyuan Chemical Co., Ltd. is located in the North's largest port city of Tianjin City, is registered in Tianjin Port Free Trade Zone enterprises, located in Bohai, Tianjin, Xingang, 5 kilometers away from Tianjin Binhai International Airport, 15 km distance, convenient transportation and provide convenient conditions for the development of business of our company.

Tianjin Chengyuan Chemical Co. Ltd. in processing and sales of 96%, 98%, 99% industrial grade ion-exchange membrane caustic soda (sodium hydroxide chemical name, also known as caustic soda) mainly chemical enterprises. (caustic soda and caustic soda solid alkali, alkali particle) is widely applied in many fields of petroleum, chemical, metallurgy, pharmaceutical, electroplating, paper making, printing and dyeing, textile, is one of the most fundamental basic chemical raw materials industry in. Industrial grade ion-exchange membrane caustic soda production of the company are mainly protopine (96%, 99%) and alkali (96%, 99%) and emerging products -- by the international market and domestic fine chemical industry favored grain alkali (99% bead base). Production of industrial grade caustic soda are strictly in accordance with national standards (GB209-2006) specifications, export products are quality inspection agencies (SGS, CIQ, INTERTEK) detection.

The company has independent import and export rights, the company's caustic soda, oxalic acid, citric acid, sodium citrate, calcium carbide, sodium bicarbonate, sodium metabisulfite, Sodium Bisulfite, sodium sulfite anhydrous, sodium sulfide, sodium carbonate, titanium tetrachloride, sodium nitrate, sodium nitrite, sodium lauryl ether sulfate (SLES), linear alkylbenzene sulfonic acid, ammonium bicarbonate, mono sodium phosphate (MSP), di sodium phosphate (DSP), tri sodium phosphate (TSP), phosphoric acid, sodium tripolyphosphate (STPP), sodium hexameta phosphate (SHMP) and other chemical products exported, mainly including Southeast Asia, Middle East, Europe, Africa and other more than 100 countries, by domestic and foreign customers the review. The company in line with the spirit of "good faith can be long-term" concept, "quality first" principle to provide customers with excellent service and high quality products. "Honest and trustworthy, quality oriented, scientific and technological innovation, customer first - Tianjin Chengyuan Chemical Co., Ltd. sincerely to serve you! Commitment to quality!

企业文化

企业愿景: 公信 创新 感恩 利益循环

企业精神: 团队协作 勇于开拓 不离不弃 共创辉煌

企业价值观: 诚信方可致远, 品质成就未来

企业责任: 为客户创造价值, 为员工搭建人生成功舞台, 为社会作出应有的贡献

企业行为文化: 倾听 微笑 赞美 感恩

员工作风: 快速 认真 坚守承诺

员工口号: 踏实做事 诚信做人

员工座右铭: 天生我材必有用



Corporate culture

Corporate vision: Credibility, Innovation, Thanksgiving, Interests circulation

Enterprise spirit: Teamwork, Dare to blaze new trails, Never abandon, Create brilliance

Corporate values: Honesty leads to the future development, quality achieve future success

Corporate responsibility: To create value for customers, to build a successful stage for life, for the community to make due contributions

Enterprise behavior culture: Listen for, Smile, Praise, Thanksgiving

Employee style: Fast, Serious, Stick to commitments

Employee slogan: Practical work, Integrity life

Employee motto: I am born to be useful





烧碱系列
Caustic soda series



片碱

化学名氢氧化钠，是基本化工原料

- 俗 称：火碱、烧碱、苛性钠、苛性碱
- 形 状：白色半透明片状固体
- 工业级片碱：96%、98%和99%片碱
- 食品级片碱：96%和99%片碱
- 物化 性质：纯品为无色透明晶体，相对密度2.130。熔点318.4℃。沸点1390℃。有很强的吸湿性。易溶于水，溶解时放热，水溶液呈碱性，有滑腻感；溶于乙醇和甘油；不溶于丙酮、乙醚。腐蚀性极强，对纤维、皮肤、玻璃、陶瓷等有腐蚀作用。与金属铝和锌、非金属硼和硅等反应放出氢；与氯、溴、碘等卤素发生歧化反应；与酸类起中和作用而生成盐和水。
- 片碱 用途：广泛用于造纸、合成洗涤及肥皂、粘胶纤维、人造丝及绵织品等轻纺工业方面，农药、染料、橡胶和化学工业方面、石油钻探，精炼石油油脂和提炼焦油的石油工业，以及国防工业、机械工业、木材加工、冶金工业，医药工业及城市建设等方面。还用于制造化学品、纸张、肥皂和洗涤剂、人造丝和玻璃纸，加工铝矾土制氧化铝，还用于纺织品的丝光处水处理等。
- 片碱 包装：25kg包装袋
- 片碱 规格：

烧碱 (%)	氢氧化钠 (%)	碳酸钠 (%)	氯化钠 (%)	三氧化二铁 (%)
96%片碱	96.0Min	1.2Max	2.5Max	0.008Max
99%片碱	99.0Min	0.5Max	0.03Max	0.005Max



工业级片碱



食品级片碱

Caustic soda flakes

- Chemical name sodium hydroxide, is the basic chemical raw materials
- Other names: natrium hydroxydatu、caustic alkali
- Shape: white translucent solid
- Industrial grade: 96%, 98% and 99% caustic soda flakes
- Food grade: 96% and 99% caustic soda flakes
- Physical and chemical properties: pure product is colorless transparent crystal, the relative density of 2.130. Melting point 318.4 DEG C. Boiling point 1390. Has a strong moisture absorption. Soluble in water, dissolving heat, alkaline aqueous solution, soapy; soluble in ethanol and glycerol; insoluble in acetone, ethyl ether. Extremely corrosive, have a corrosive effect on the skin, glass, ceramic fiber, etc.. The reaction of hydrogen with aluminum and zinc, boron and silicon, etc., and the disproportionation of chlorine, bromine, iodine, etc..
- Application: widely used in papermaking, synthetic detergent and soap, viscose, rayon and cotton and textile industry, pesticides, dyes, rubber and chemical industry, oil drilling, oil refining oil and tar refining oil industry and national defense industry, machinery industry, wood processing, metallurgy, medicine industry and city construction. Also used in the manufacture of chemicals, paper, soap and detergent, rayon and cellophane, processing bauxite alumina, also used for textile mercerization water treatment etc..
- Packing: 25kg packaging bag
- Specifications:

Caustic soda	NAOH(%)	NA2CO3(%)	NACL(%)	Fe2O3(%)
96% Flakes	96.0Min	1.2Max	2.5Max	0.008Max
99% Flakes	99.0Min	0.5Max	0.03Max	0.005Max

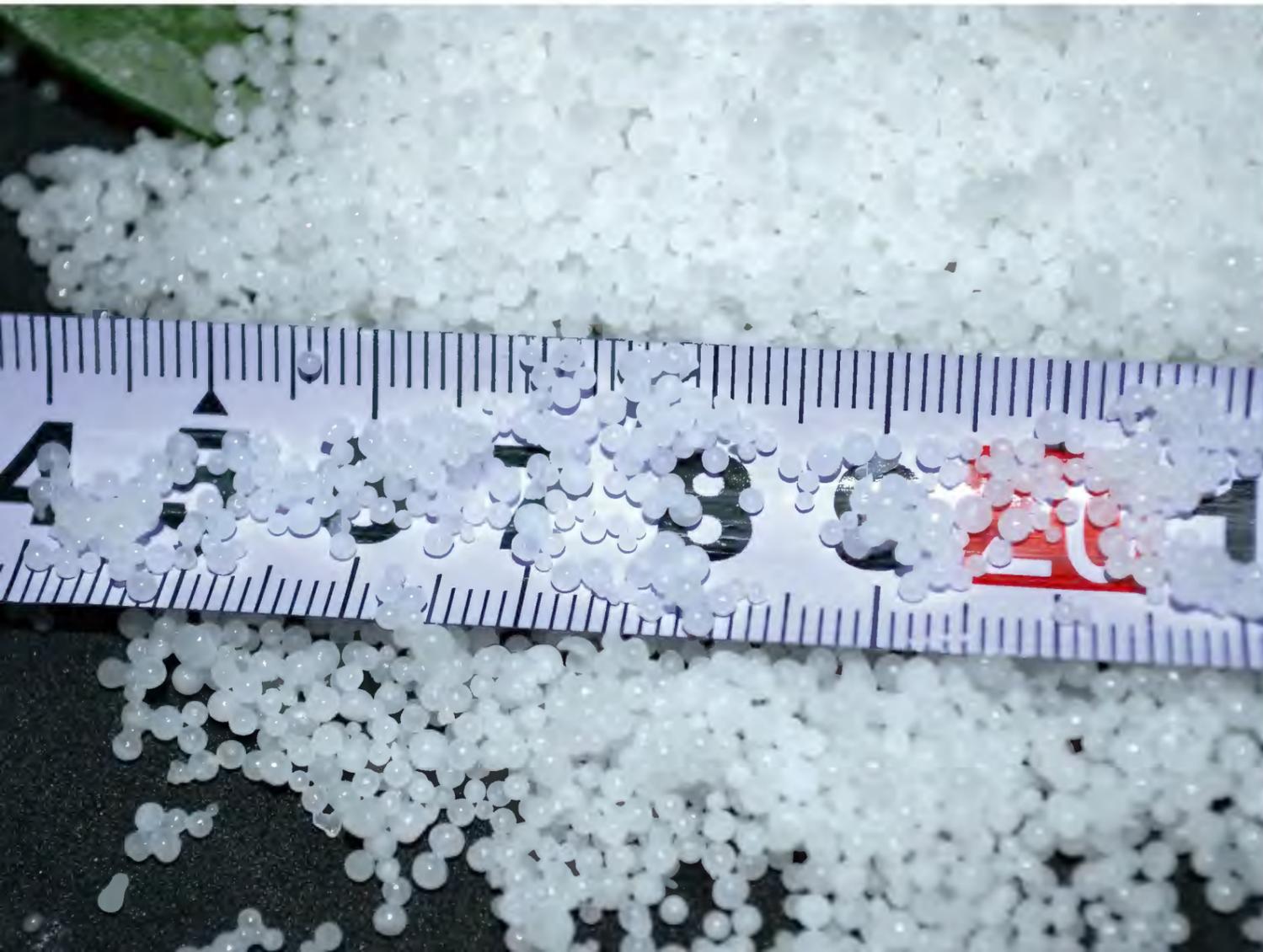




固体烧碱产品的一种 粒碱



- 俗 称：粒状烧碱、珠碱
- 形 状：按粒径大小可分为粗粒碱、微粒碱，其中微粒碱粒径约0.7mm，形状上很像洗衣粉。
- 工业级粒碱：99%含量的粒碱
- 粒碱 特性：粒碱是固体氢氧化钠，具有氢氧化钠的一切化学性质，放置在空气中会吸收空气中的水分发生潮解，与二氧化碳反应发生变质，溶于乙醇和甘油；不溶于丙酮、乙醚。腐蚀性极强，对纤维、皮肤、玻璃、陶瓷等有腐蚀作用。与金属铝和锌、非金属硼和硅等反应放出氢；与氯、溴、碘等卤素发生歧化反应；与酸类起中和作用而生成盐和水。
- 粒碱 用途：粒碱主要作为一种化学原料，是重要的化工基础原料，用途极广。化学工业用于制造甲酸、草酸、硼砂、苯酚、氰化钠及肥皂、合成脂肪酸、合成洗涤剂。纺织印染工业用作棉布退浆剂、煮练剂、丝光剂和还原染料、海昌蓝染料的溶剂。冶炼工业用制造氢氧化铝、氧化铝及金属表面处理剂。仪器工业用作酸中和剂、脱色剂、脱臭剂。胶粘剂工业用作淀粉糊化剂、中和剂。另外，在搪瓷、医药、化妆品、制革、涂料、农药、玻璃等工业都有广泛应用。
- 粒碱 包装：要求干燥、密封的包装，一般采用25KG两编一塑、三层包装



一种固体烧碱产品

Caustic soda pearls

- Other names: Granulated caustic soda
- Shape: according to the size of the particle can be divided into coarse alkali, particulate alkali, which is about the size of the particle alkali 0.7mm, shape is very similar to the washing powder.
- Industrial grade: 99% caustic soda pearls
Features: grain grain alkali base is solid sodium hydroxide, has all the chemical properties of sodium hydroxide, placed will absorb the moisture in the air deliquescence in the air, metamorphic reaction with carbon dioxide, soluble in ethanol and glycerol; insoluble in acetone, ethyl ether. Corrosion is very strong, fiber, skin, glass, ceramics and other corrosive effects. The reaction of hydrogen with aluminum and zinc, boron and silicon, etc., and the disproportionation of chlorine, bromine, iodine, etc..
- Application: granular base is mainly used as a chemical raw material, is an important chemical raw materials, a wide range of uses. The chemical industry is used in the manufacture of formic acid, oxalic acid, borax, phenol, sodium cyanide, soap, synthetic fatty acid, synthetic detergent, etc.. Textile printing and dyeing industry as cotton desizing agent, scouring agent, mercerizing agent and vat dyes, solvent dyes haichanglan. Aluminum hydroxide, alumina and metal surface treatment agent for smelting industry. The instrument industry is used as acid neutralizer, decoloring agent and deodorant. Adhesive industry used as starch paste agent, neutralizer. In addition, the enamel, medicine, cosmetics, leather, paint, pesticides, glass and other industries have a wide range of applications.
- Packing: drying, sealed packaging, generally use the 25KG two series of plastic, three layer packaging



一种无机化合物，易溶于水

硫化钠

- 俗 称：臭碱、臭苏打、黄碱、硫化碱
- 形 状：纯硫化钠为无色结晶粉末，工业硫化钠因含有杂质其色泽呈粉红色、棕红色、土黄色。
- 特 性：硫化钠具有臭味吸潮性强，易溶于水。水溶液呈强碱性反应。硫化钠水溶液在空气中会缓慢地氧化成硫代硫酸钠、亚硫酸钠、硫酸钠和多硫化钠。由于硫代硫酸钠的生成速度较快，所以氧化的主要产物是硫代硫酸钠。硫化钠在空气中潮解，并碳酸化而变质，不断释出硫化氢气体。工业硫化钠比重、熔点、沸点，也因杂质影响而异。
- 用 途：染料工业中用于生产硫化染料，是硫化青和硫化蓝的原料。印染工业用作溶解硫化染料的助染剂。制革工业中用于水解使生皮脱毛，造纸工业用作纸张的蒸煮剂。纺织工业用于人造纤维脱硝和硝化物的还原，以及棉织物染色的媒染剂。制药工业用于生产非那西丁等解热药。此外还用于制硫代硫酸钠、硫化氢钠、多硫化钠等。硫化钠还可用于直接电镀中导电层的处理。用作缓蚀剂。也是硫代硫酸钠、多硫化钠、硫化染料等的原料。用于金属冶炼，照相，人造丝脱硝等。
- 包 装：硫化钠黄片22吨每个20尺集装箱，硫化钠红片每个20尺柜子装22吨，最多装25吨。
- 规 格：

含铁量	硫化钠 (%)	亚硫酸钠 (%)	硫代硫酸钠 (%)	碳酸钠 (%)	水不溶物 (%)	颜色
1500ppm	60.0Min	0.2Max	0.2Max	5.0Max	0.4Max	红色
150ppm	60.0Min	0.2Max	0.2Max	2.0Max	0.2Max	
80ppm	60.0Min	0.2Max	0.2Max	2.0Max	0.2Max	
50ppm	60.0Min	0.2Max	0.2Max	2.0Max	0.2Max	黄色
30ppm	60.0Min	0.2Max	0.2Max	2.0Max	0.05Max	
20ppm	60.0Min	0.2Max	0.2Max	2.0Max	0.03Max	
10ppm	60.0Min	0.2Max	0.18Max	1.8Max	0.03Max	



An inorganic compound that is soluble in water

Sodium sulfide

- Other names: Smelly alkali, stinking soda, yellow alkali, sodium sulphide
- Shape: pure sodium sulfide is colorless crystalline powder, industrial sodium sulfide containing impurities, its color is pink, brown red, khaki.
- Features: sodium sulfide has a strong odor absorption, soluble in water. Strong alkaline reaction in aqueous solution. Sodium sulfide aqueous solution can be oxidized to sodium thiosulfate, sodium sulfite, sodium sulfate and sodium sulfide in air. The production of sodium thiosulfate is faster, so the main product of oxidation is sodium thiosulfate. Sodium sulphide deliquesce in the air, and carbonate and metamorphism, continuously release hydrogen sulfide gas. The specific gravity, melting point and boiling point of industrial sodium sulfide are also affected by impurities.
- Application: Used in the production of sulfur dyes in the dye industry. Printing and dyeing industry as a kind of AIDS for dissolving sulfur dyes. For the hydrolysis of rawhide hair removal in the leather industry, paper industry for paper cooking agent. The textile industry for rayon denitration and reduction of nitrate content, as well as cotton fabric mordant dyeing. The pharmaceutical industry for the production of phenacetin antipyretic. In addition to the use of sodium thiosulfate, sodium thiosulfate, sodium polysulfide, etc.. Sodium sulfide can also be used in direct plating conductive layer. Used as corrosion inhibitor. Sodium thiosulfate, sodium sulfide, sulfur dyes and other raw materials. Used for metal smelting, photography, artificial silk, etc..
- Packing: sodium sulphide yellow flakes 22MT per 20'fcl. Sodium Sulphide red flakes 22MT per 20'fcl and Max weight 25MT per 20'fcl.



电石的主要成分是碳化钙，是无机化合物

电石

- 俗 称：碳化钙、乙炔钙、嘎石
- 形 状：白色晶体，工业品为灰黑色块状物，断面为紫色或灰色
- 块状的大小：2-4mm, 4-7mm, 7~15mm, 15~25mm, 25~50mm, 50~80mm, 80~120mm
- 天然气产量：210L/kg, 230L/kg, 260L/kg, 根据块状的大小不同所对应的产量也不同
- 物化 特性：矿石为黄褐色或黑色的块状固体，纯品为白色晶体(含CaC₂较高的是紫色)。密度2.22克/立方厘米，熔点2300°C (与CaC₂含量有关)，遇水立即发生激烈反应，生成乙炔，并放出热量，电石含量不同熔点也随之变化。
- 用 途：主要用于产生乙炔气。也用于有机合成、氧炔焊接等。电石与水反应生成的乙炔可以合成许多有机化合物，例如：合成橡胶、人造树脂、丙酮、烯酮、炭黑等；同时乙炔-氧焰广泛用于金属的焊接和切割。加热粉状电石与氮气时，反应生成氰化钙，即石灰氮，加热石灰氮与食盐反应生成的氰熔体用于采金及有色金属工业。电石本身可用于钢铁工业的脱硫剂。生产聚氯乙烯 (PVC)
- 包 装：50kg铁桶或100kg铁桶包装，一个柜子可装22.5吨



电石的主要成分为碳化钙

Calcium Carbide

- Other name: calcium acetylide, acetylene calcium stone, GA
- Shape: white crystal, industrial products for black lumps, purple or grey section
- Partical size available: 2-4mm, 4-7mm, 7-15mm, 15-25mm, 25-50mm, 50-80mm, 80-120mm
- Gas yield: 210L/KG, 230L/KG, 260L/KG, 295L/KG according different partical size
- Physical and chemical characteristics: the ore is a solid brown or black solid, pure white crystal products (including CaC₂ is purple). Density of 2.22 g / cubic centimeter, melting point of 2300 degrees C (with CaC₂ content), in case of water immediately produce a violent reaction, the formation of acetylene, and the release of heat, calcium carbide content of different melting point will also change.
- Application: Mainly used to produce acetylene gas. It is also used for organic synthesis, oxyacetylene welding etc.. Acetylene produced by the reaction of calcium carbide with water can be used to synthesize many organic compounds, such as synthetic rubber, synthetic resin, acetone, ketene, carbon black, etc.. Heating the powdered calcium carbide and nitrogen, the reaction of calcium cyanamide, namely lime nitrogen, cyanide salt and lime nitrogen heating melt reaction for mining gold and nonferrous metal industry. Calcium carbide itself can be used in the iron and steel industry desulfurizer. Production of polyvinyl chloride (PVC)
- Packing: Packed in 50kg iron drums or 100kg iron drums, 22.5MT per 20'fcl.





四氯化钛

是生产金属钛及其化合物的重要中间体

- ↳ 俗 称: 氯化钛
- ↳ 形 状: 无色或微黄色液体, 有刺激性酸味。
- ↳ 性 质: 四氯化钛是化学式为TiCl₄的无机化合物。四氯化钛是无色密度大不导电的液体, 密度1.7, 熔点-30°C, 沸点136°C。溶于冷水、乙醇、稀盐酸。在空气中发烟, 生成二氧化钛固体和盐酸液滴的混合物。受热或遇水分解放热, 放出有毒的腐蚀性烟气。具有较强的腐蚀性。属于少数在室温时为液态的过渡金属氯化物之一, 其熔沸点之低与弱的分子间作用力有关。大多数金属氯化物都为聚合物, 含有氯桥连接的金属原子, 而四氯化钛分子间作用力却主要为弱的范德华力, 因此熔沸点不高。
- ↳ 用 途: 四氯化钛是制取海绵钛和氯化法钛白的主要原料。用作乙烯聚合催化剂的重要组分。用于制造颜料和钛有机化合物以及国防上用的烟幕剂。同时也是溶解合成树脂、橡胶、塑料等多种有机物的良好溶剂。用作分析试剂及制备三氯化钛和金属钛的原料及发烟剂。用于制取海绵钛和钛白粉, 并用作催化剂等。
- ↳ 包装和运输: 250kg镀锌铁桶(不锈钢桶), 产装必须打托, 一个柜子装20吨; 必须是T20集装箱运输, 装货安全范围85-95%, 罐体循环加热T20罐有15M3,17M3, 根据重量选择不同大小的集装箱。



It is an important intermediate for the production of titanium and its compounds

Titanium Tetrachloride

- ↳ Other name: Titanium chloride
- ↳ Shape: Colorless or slightly yellow liquid with pungent acidity.
- ↳ Features: Four titanium chloride is an inorganic compound with chemical formula of TiCl₄. Four titanium chloride is a colorless density of non conductive liquid, density of 1.7, melting point -30C, boiling point of 136 degrees C. Soluble in cold water, ethanol, dilute hydrochloric acid. Smoke in the air to form a mixture of titanium dioxide solid and hydrochloric acid droplets. Heat or decomposition of water, heat, the release of toxic corrosive flue gas. Has a strong corrosive. It is one of the few transition metal chlorides at room temperature, and the low boiling point is related to the weak intermolecular forces. Most of the metal chlorides are polymers, which contain chlorine bridged metal atoms, while the intermolecular forces of four titanium chloride are mainly weak Fan Dehua forces, so the melting point is not high.
- ↳ Application: Four titanium chloride is the main raw material for producing sponge titanium and titanium pigment. As an important component of ethylene polymerization catalyst. Smoke agent for the production of pigments and titanium organic compounds and for national defense. At the same time, it is also a good solvent for dissolving organic resin, rubber and plastic. Used as an analytical reagent and preparation of titanium and titanium materials and smoke agent. Titanium sponge and titanium dioxide, and used as catalyst.
- ↳ Packaging and transportation: 250kg (stainless steel), galvanized steel production equipment must support, 20MT per 20'fcl. Must be T20 container transport, loading safety range of 85-95%, the tank can be recycled heating T20 tank 15M3, 17M3, according to the weight of different sizes of containers.





有二氧化硫味、酸、咸

焦亚硫酸钠

- ✎ 俗 称: 偏重亚硫酸钠, 焦性亚硫酸钠, 偏亚硫酸钠
- ✎ 形 状: 白色或微黄色结晶粉末或小结晶
- ✎ 等 级: 食品级、工业级
- ✎ 特 性: 带有强烈的SO₂气味, 比重 1.4, 溶于水, 与强酸接触则放出SO₂而生成相应的盐类, 久置空气中, 则氧化成Na₂S₂O₆, 故该产品不能久存。高于150摄氏度, 即分解出SO₂。
- ✎ 用 途: 用于生产保险粉, 照相工业用作定影剂的配料, 香料工业用于生产香草醛。用作酿造工业防腐剂, 橡胶凝固剂和棉布漂白后脱氯剂。有机中间体, 染料, 制革用作还原剂 用作电镀业, 油田的废水处理 以及用作矿山的选矿剂等。工业上用于印染、有机合成、印刷、制革、制药等部门; 在食品加工中作防腐剂、漂白剂、疏松剂。用作化学试剂(印染和摄影等方面)、用作漂白剂 媒染剂, 还原剂橡胶凝固剂, 也用于有机合成制药及香料等。
- ✎ 包 装: 一个柜子装27吨, 打托25吨



有二氧化硫味、酸、咸

Sodium Metabisulfite

- ✎ Other names: Sodium Pyrosulfite, sodium disulfite
- ✎ Shape: white or slightly yellow crystalline powder or small crystals
- ✎ Grade: food grade, industrial grade
- ✎ Features: with a strong smell of SO₂, the proportion of 1.4, soluble in water, and strong acid contact with the release of SO₂ and the formation of the corresponding salts, long air, then oxidized into Na₂S₂O₆, so the product can not be stored for a long time. Above 150 degrees Celsius, that is, the decomposition of SO₂.
- ✎ Application: For the production of the insurance industry for powder, photographic fixing agent ingredients, spices industry for the production of vanillin. As the brewing industry preservatives, rubber and cotton coagulant after bleaching dechlorination agent. Organic intermediates, dyes, tanning agents used as reducing agent for electroplating industry, oil field wastewater treatment, as well as mineral dressing agent, etc.. It is used in printing and dyeing, organic synthesis, printing, leather making, pharmacy and other industries. Used as a chemical reagent (dyeing and photography) used as a bleaching agent mordant, reducing agent of rubber coagulant, is also used for organic synthesis of pharmaceutical and perfume etc..
- ✎ Packing: Packed in 25kg bags, 27MT per 20'fcl.



在分析中用作还原剂,还用作细菌抑制剂

亚硫酸氢钠

- 俗 称: 重亚硫酸钠、酸式亚硫酸钠
- 形 状: 白色结晶性粉末
- 特 性: 有二氧化硫的气味。具不愉快味。暴露空气中失去部分二氧化硫,同时氧化成硫酸盐。溶于3.5份冷水、2份沸水、约70份乙醇,其水溶液呈酸性。熔点分解。相对密度1.48。有刺激性。商品常含有各种比例的偏重亚硫酸钠 (Na₂S₂O₅)。
- 用 途: 用于棉织物及有机物的漂白; 在染料、造纸、制革、化学合成等工业中用作还原剂; 医药工业用于生产安乃近和氨基比林的中间体; 食用级产品用作漂白剂、防腐剂、抗氧化剂; 用于含铬废水的处理, 并用作电镀添加剂。
- 包 装: 50kg包装袋, 一个柜子可装27吨



Used as reducing agent in analysis, Also used as a bacterial inhibitor

Sodium Bisulfite

- Other names: Sodium Hydrogen Sulfite,
- Shape: White crystalline powder
- Features: The smell of sulfur dioxide. Unpleasant taste. Part of the sulfur dioxide is exposed to the air and oxidized to sulfate. Soluble in 3.5 parts of cold water, boiling water of about 2 parts, about 70 parts of ethanol. Melting decomposition. Relative density 1.48. Irritant. Products often contain a variety of proportional emphasis on sodium sulfite (Na₂S₂O₅).
- Application: Used for cotton fabric and organic bleaching; used as a reducing agent in dyeing, papermaking, tanning, chemical synthesis and other industries; the pharmaceutical industry for the production of intermediates Analginum and aminopyrine; edible products used as bleaching agents, preservatives, antioxidants; treatment of wastewater containing chromium, and used as a plating additive.
- Packing: 25kg bags, 27MT per 20'fcl





无水亚硫酸钠

具有不稳定性

- 俗 称: 硫氧
- 形 状: 白色粉末或六方棱柱形结晶
- 等 级: 食品级和工业级
- 贮藏 条件: 包装要求密封,不可与空气接触。本品有潮解性,不宜久储。运输时要防雨淋和日光暴晒。
- 性 质: 密度2.633g/mL 25°C、熔点500°C; 在水中易溶,其水溶液呈碱性反应。在乙醇中极微溶解,在乙醚中几乎不溶。在空气中易被氧化成硫酸钠,遇高温则分解成硫化钠。为强还原剂,与二氧化硫作用生成亚硫酸氢钠,与强酸反应生成相应盐。
- 用 途: 无水亚硫酸钠主要用于铬废水的处理以及用作化学浸银中的还原剂。纸浆漂白剂; 化学纤维的稳定剂; 织物漂白剂; 染漂工业脱氧剂; 化学工业用还原剂和磺化剂; 制革; 用于印染工业作为脱氯剂和漂白剂。用作脲醛树脂合成加成阶段反应的催化剂。作为还原剂可保护对氧敏感的材料。还用作防老剂、抗氧化剂、中和剂。感光工业用作显影剂、胶片保护剂和防脱色剂。
- 包 装: 25kg包装: 27吨/20GP, 打托装25吨; 1200kg包装: 24吨/20GP

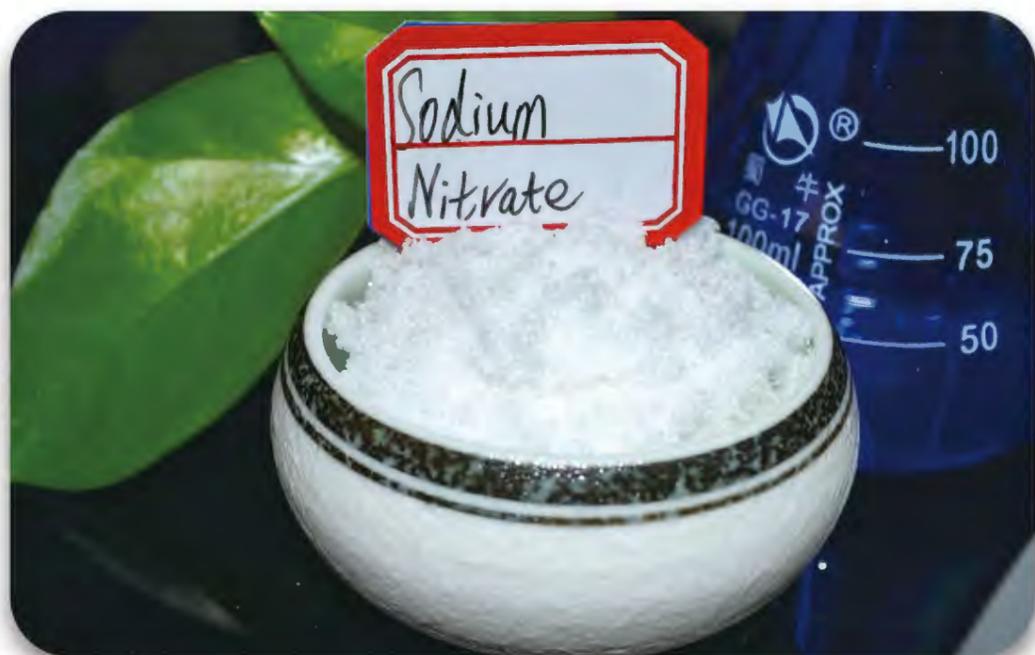


Has not stability

Sodium Sulfite Anhydrous

- Other names: Sulfur oxygen
- Shape: White powder or six square prismatic crystals
- Grade: Food grade and industrial grade
- Storage conditions: packaging requirements sealed, not in contact with air. This product has deliquescence, not a long storage. Transport can not rain and sun exposure.
- Features: The density of 2.633g/mL C, the melting point of 500 degrees 25 degrees C; soluble in water, its water solution is alkaline reaction. Very slightly soluble in ethanol, almost insoluble in ether. In the air is easily oxidized into sodium sulfate, in case of high temperature decomposition into sodium sulfide. As a strong reducing agent, and the role of sulfur dioxide to produce Sodium Bisulfite, with strong acid reaction to generate the corresponding salt.
- Application: Anhydrous sodium sulfite is mainly used in the treatment of chromium waste water and used as reductant in chemical leaching silver. Pulp bleaching agent; chemical fiber stabilizer; fabric bleaching agent; dyeing and bleaching industrial deoxidizer; chemical industry reducing agent and sulfonation agent; tanning; used in printing and dyeing industry as a dechlorination agent and bleaching agent. Catalyst for synthesizing phase reaction of urea formaldehyde resin. As a reducing agent, oxygen sensitive materials can be protected. Also used as antioxidant, neutralizing agent. The photographic industry is used as developer, film protective agent and anti bleaching agent.
- Packing: 25kg packaging: 27 MT /20GP, Pallet loading of 25MT; 1200kg packaging: 24 MT /20GP





☛ 硝酸钠味苦咸且易溶于水

硝酸钠

- ☛ 俗 称：钠硝石、智利硝石
- ☛ 形 状：白色粉末或者无色晶体（颗粒）
- ☛ 等 级：工业级
- ☛ 物化 特性：熔点为306.8℃，密度为2.257克/立方厘米（20℃时），易溶于水和液氨，微溶于甘油和乙醇中，易潮解，特别在含有极少量氯化钠杂质时，硝酸钠潮解性就大为增加。当溶解于水时其溶液温度降低，溶液呈中性。在加热时，硝酸钠易分解成亚硝酸钠和氧气。硝酸钠可助燃，须存储在阴凉通风的地方。有氧化性，与盐类能起复分解作用。是氧化剂。与木屑、布、油类等有机物接触，能引起燃烧和爆炸。
- ☛ 用 途：搪瓷工业用作助熔剂、氧化剂和用于配制珐琅粉的原料。玻璃工业用作各种玻璃及制品的脱色剂、消泡剂、澄清剂及氧化助熔剂。无机工业用作熔融烧碱的脱色剂和用于制造其他硝酸盐类。食品工业用作肉类加工的发色剂，可防止肉类变质，并能起调味作用。化肥工业用作适用酸性土壤的速效肥料，特别适用块根作物，如甜菜、萝卜等。染料工业用作生产苦味酸和染料的原料。冶金工业用作炼钢、铝合金的热处理剂。机械工业用作金属清洗剂和配制黑色金属发蓝剂。医药工业用作青霉素的培养基。卷烟工业用作烟草的助燃剂。分析化学中用作化学试剂。此外，也用于生产炸药等。化学纯的硝酸钠用于镀锌层的低铬钝化和镁合金的氧化溶液中。
- ☛ 包 装：25 公斤包装，颗粒和粉末的一个柜子不打托最多可以装26吨，可以定制唛头。

☛ Sodium nitrate is salty taste and soluble in water

Sodium nitrate

- ☛ Other names: Nitratite、Chile saltpeter
- ☛ Shape: White powder or colorless crystal (granular)
- ☛ Grade: industrial grade
- ☛ Features: The melting point of 306.8 DEG C, density of 2.257 g / cm³ (20 DEG C), soluble in water and liquid ammonia, slightly soluble in glycerol and ethanol, deliquescent, in particular contains a very small amount of sodium chloride impurity, sodium nitrate deliquescence increase greatly. When dissolved in water, the solution temperature decreases and the solution is neutral. When heated, sodium nitrate is easily decomposed into sodium nitrite and oxygen. Sodium nitrate can support combustion, must be stored in a cool ventilated place. Oxidation, and salt can play the role of metathesis. Oxidant. Contact with wood, cloth, oil and other organic matter, can cause combustion and explosion.
- ☛ Application: The enamel industry is used as a fluxing agent, an oxidizing agent, and a raw material for the preparation of enamel powder. Glass industry as a variety of glass and products, such as decoloring agent, defoaming agent, clarifying agent and oxidation flux. The inorganic industry is used as a bleaching agent for molten caustic soda and used in the manufacture of other nitrates. The food industry is used as a coloring agent for meat processing, to prevent deterioration of meat, and can play a role in seasoning. The fertilizer industry is a kind of quick acting fertilizer suitable for acid soils, especially for root crops, such as sugar beet, radish, etc.. The dye industry for the production of raw materials and picric acid dyes. Metallurgical industry used as heat treatment agent for steel and aluminum alloy. The machine is used for metal city industrial cleaning agent and preparation of ferrous metal bluing agent. Pharmaceutical industry as a medium for penicillin. Combustion supporting agent for cigarette industry. Chemical reagents used in analytical chemistry. In addition, also used in the production of explosives, etc.. Application of chemically pure sodium nitrate in low chromate passivation of zinc plating and oxidation of magnesium alloys.
- ☛ Packing: 25 kg packaging, particles and powder of a cabinet can not hold up to a maximum of 26 tons, can be customized marks.

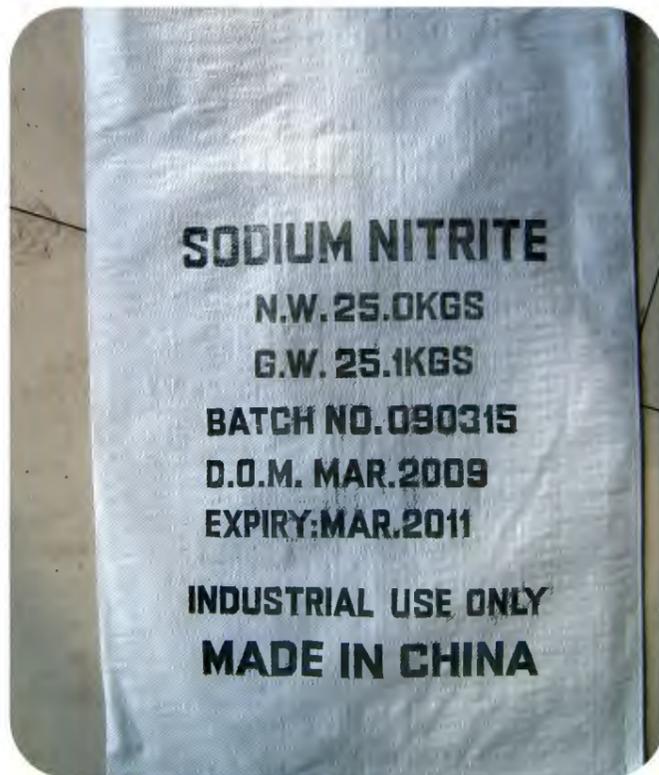


是一种工业用盐

亚硝酸钠



- ▾ 俗 称: 亚钠、食用亚硝酸钠
- ▾ 形 状: 白色或微带淡黄色斜方晶系粉末或颗粒
- ▾ 等 级: 食品级和工业级
- ▾ 特 性: 亚硝酸钠 (NaNO_2), 是亚硝酸根离子与钠离子化和生成的无机盐。亚硝酸钠易潮解, 易溶于水和液氨, 其水溶液呈碱性, 微溶于乙醇、甲醇、乙醚等有机溶剂。亚硝酸钠有咸味, 又是被用来制造假食盐。属强氧化剂又有还原性, 在空气中会逐渐氧化, 也能被氧化剂所氧化; 遇弱酸分解放出棕色二氧化氮气体; 与有机物、还原剂接触能引起爆炸或燃烧, 并放出有毒的刺激性氧化氮气体。
- ▾ 用 途: 用于肉制品加工中作发色剂; 用作普通分析试剂、氧化剂和重氮化试剂, 还用于亚硝酸盐和亚硝基化合物的合成; 用作媒染剂、漂白剂、金属热处理剂、电镀缓蚀剂, 医药上用作器械消毒剂、防腐剂等; 用于冰染染料、硫化染料、直接染料、酸性染料、分散染料、碱性染料、助染剂、H发孔剂的生产。也用于生产氨基偶氮苯、对位氨基苯酚等中间体。还用于有机颜料生产。医药工业用于制造乙胺嘧啶、氨基吡啉等。用于生产香兰素。用作丝绸和亚麻的漂白。用于切削油、润滑油、抗冻液、液压系统。
- ▾ 包 装: 25 公斤包装, 颗粒和粉末的一个柜子不打托最多可以装26吨, 可以定制唛头。



Is an industrial salt

Sodium nitrite

- ▾ Other names: Sub sodium、The edible sodium nitrite
- ▾ Shape: White or light yellow powder or granules
- ▾ Grade: Food grade and industrial grade
- ▾ Features: Sodium nitrite (NaNO_2) is an inorganic salt produced by sodium nitrite and sodium ions. Sodium nitrite is deliquescent, soluble in water and liquid ammonia, its aqueous solution is alkaline, slightly soluble in ethanol, methanol, ether and other organic solvents. Sodium nitrite is salty and is used to make fake salt. Is a strong oxidant and reducing, will gradually oxidized in air, can also be oxidized by oxidizing agent; in case of weak acid decomposition released Brown NO_2 gas; and organic reducing agent exposure can cause an explosion or combustion, and release toxic irritant gas nitric oxide.
- ▾ Application: For hair color agent in meat processing; used as a common analytical reagent, oxidant and diazotization reagent, was also used for the synthesis of nitrite and N-nitroso compounds; used as a mordant, bleaching agent, heat treatment of metal electroplating agent, corrosion inhibitor, medical devices used as disinfectant and antiseptic; for azoic dyes, sulfur dyes, direct dyes, acid dyes, disperse dyes, basic dyes, dyeing auxiliary agent, H foaming agent production. Also used in the production of amino azobenzene, para aminophenol and other intermediates. Also used in the production of organic pigments. The pharmaceutical industry is used for the manufacture of ethylamine, amino acid, etc.. For the production of vanillin. Used for bleaching silk and linen. For cutting oil, lubricating oil, antifreeze, hydraulic system.
- ▾ Packing: 25 kg packing, a cabinet of particles and powder without pallets can carry a maximum of 26 MT. You can customize the mark

草酸

广泛存在于植物源食品中。

- 俗 称：乙二酸
- 形 状：无色单斜片状或棱柱体结晶或白色粉末
- 含 量：99%和99.6%草酸
- 物化 性质：氧化法草酸无气味、合成法草酸有味。150~160°C升华。在高热干燥空气中能风化。相对密度(d18.54)1.653。熔点101~102°C(187°C, 无水)。低毒，溶于水、乙醇、乙醚和甘油，不溶于苯、氯仿和石油醚。可与碱反应，可以发生酯化、酰卤化、酰胺化反应。也可以发生还原反应，受热发生脱羧反应。无水草酸有吸湿性。草酸能与许多金属形成溶于水的络合物。
- 草酸 用途：漂白剂，还原剂，媒染剂，除锈功能；医药工业用于制造金霉素、土霉素、四环素、链霉素、冰片、维生素B12、苯巴比妥等药物。印染工业用作显色助染剂、漂白剂、医药中间体。塑料工业用于生产聚氯乙烯、氨基塑料、脲醛塑料。
- 草酸 包装：25kg包装袋、25吨一个柜子



oxalic acid

- Widely existing in plant derived foods.
- Other names:ethanedioic acid
- Shape:Colorless monoclinic or prismatic crystal or white powder
- Purity: 99%and 99.6% oxalic acid
- Physical and chemical properties: Oxidation of oxalic acid odor, synthetic oxalic acid taste. Sublimation from 150 to 160 DEG C. Can be weathered in hot, dry air. Relative density (d18.54) 1.653. Melting point 101 ~ 102 DEG C (187 DEG C, anhydrous). Low toxic, soluble in water, ethanol, ether and glycerol, insoluble in benzene, chloroform and petroleum ether. Can react with alkali, esterification, acyl halogenation, amidation. Reductive reaction can occur, and the decarboxylation reaction occurs. Oxalic acid. Oxalic acid can form water soluble complexes with many metals.
- Application: oxalic acid bleaching agent, reducing agent, mordant, rust removing function; the pharmaceutical industry for the manufacture of gold element, oxytetracycline, tetracycline, streptomycin, borneol, vitamin B12, phenobarbital and other drugs. Printing and dyeing industry as a color rendering AIDS, bleaching agents, pharmaceutical intermediates. Plastic industry for the production of polyvinyl chloride, amino plastics, urea formaldehyde plastics.
- Packing: Packed in 25kg bags, 25MT per 20'fcl. Max weight 27MT per 20'fcl.



柠檬酸

一种重要的有机酸

- 俗 称: 枸橼酸
- 形 状: 无色半透明晶体或白色颗粒或白色结晶性粉末
- 柠檬酸种类: 一水柠檬酸和无水柠檬酸
- 贮藏 条件: 固体一水化合物或无水物, 应贮藏于气密容器内, 置阴凉干燥处保存。
- 柠檬酸性质: 无臭、味极酸, 在潮湿的空气中微有潮解性。柠檬酸从热水中结晶时, 生成无水合物; 在冷水中结晶则生成一水合物。加热到78℃时一水合物会分解得到无水合物。在15摄氏度时, 柠檬酸也可在无水乙醇中溶解。柠檬酸是一种较强的有机酸, 有3个H⁺可以电离; 加热可以分解成多种产物, 与酸、碱、甘油等发生反应。
- 柠檬酸用途: 用于食品工业占生产量的75%以上, 可作为食品的酸味剂, 抗氧化剂, pH调节剂, 用于清凉饮料、果酱、水果和糕点等食品中。用于医药工业占10%左右, 主要用作抗凝血剂、解酸药、矫味剂、化妆品等。用于化学工业等占15%左右, 用作缓冲剂、络合剂、金属清洗剂、媒染剂、胶凝剂、调色剂等。在电子、纺织、石油、皮革、建筑、摄影、塑料、铸造和陶瓷等工业领域中都有十分广阔。

柠檬酸规格和包装:

种类	一水柠檬酸	无水柠檬酸
粒度	8-16mesh、8-80mesh	10-40mesh、30-100mesh、50-120mesh
纸袋包装	25公斤牛皮纸袋	25公斤牛皮纸袋
箱型箱量	一个柜子可装25吨	一个柜子可装25吨



一水柠檬酸



无水柠檬酸



An important organic acid

Citric Acid

- Shape: colorless translucent crystal or white or white crystalline powder
- Citric acid species: citric acid monohydrate and citric acid anhydrous
- Storage conditions: solid water or anhydrous, should be stored in airtight containers, placed in a cool dry place.
- Citric acid properties: odorless, very sour taste, slight deliquescence in moist air. When citric acid is crystallized from hot water, it produces no hydrate. When it is heated to 78 DEG C, hydrate will decompose and hydrate. Citric acid can be dissolved in absolute ethanol at 15 degrees celsius. Citric acid is a kind of strong organic acid, 3 H⁺ can be ionized, heating can be broken down into a variety of products, and acid, alkali, glycerol and other reactions.
- Application: used in the food industry accounted for more than 75% of the production capacity, can be used as food acidity agent, antioxidant, pH regulator, used in cool drinks, jam, fruit and pastries and other foods. Used in the pharmaceutical industry about 10%, mainly used as anticoagulant, acid solution, taste, cosmetics, etc.. For the chemical industry accounted for about 15%, used as a buffering agent, complexing agent, metal cleaning agent, mordant, gelling agent, toner. In electronics, textiles, petroleum, leather, architecture, photography, plastics, casting and ceramics and other industrial areas are very broad.
- Citric acid specifications and packaging:

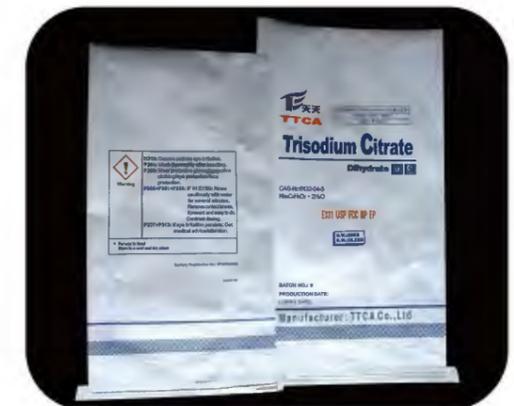
type	citric acid monohydrate	citric acid anhydrous
granularity	8-16mesh、8-80mesh	10-40mesh、30-100mesh、50-120mesh
Paper packaging	25 kg kraft paper bag	25 kg kraft paper bag
Quantity per 20'fcl	25MT per 20'fcl	25MT per 20'fcl



☑ An organic compound that is soluble in water

Sodium Citrate

- Shape: colorless crystal or white crystalline powder
- size of Sodium Citrate: 16-80mesh, 30-100mesh
- Physical and chemical characteristics: odorless, cool salty spicy. Stable at room temperature and air, slightly soluble in wet air, weathering in hot air. Heating up to 150 degrees C. It is soluble in water, glycerin, insoluble in alcohol and other organic solvents, thermal decomposition, in the humid environment of micro deliquescence in hot air, slightly weathered, the pH value of the solution is about 8.
- Application: Sodium citrate in the food and beverage industry as a flavoring agent and stabilizer; used as anti coagulant, apophlegmatisant and diuretics in the pharmaceutical industry; in the detergent industry, can replace sodium tripolyphosphate as non-toxic detergent additives; in chemistry is a chelating agent / excellent complexing agent in the industrial application of lemon sodium is the use of this characteristic. Also used in brewing, injection, photographic medicine and electroplating, etc..
- Packing: 25kg kraft paper bag、25MT per 20'fcl



☑ 一种有机化合物，易溶于水

柠檬酸钠

- 俗 称：枸橼酸钠
- 形 状：无色晶体或白色结晶粉末
- 目 数：16-80mesh、30-100mesh
- 物化 特性：无臭，有清凉咸辣味。常温及空气中稳定，在湿空气中微有溶解性，在热空气中产生风化现象。加热至150°C失去结晶水。易溶于水、可溶于甘油、难溶于醇类及其他有机溶剂，过热分解，在潮湿的环境中微有潮解，在热空气中微有风化，其溶液 pH 值约为8。
- 用 途：柠檬酸钠在食品、饮料工业中用作风味剂、稳定剂；在医药工业中用作抗凝血剂、化痰药和利尿药；在洗涤剂工业中，可替代三聚磷酸钠作为无毒洗涤剂的助剂；在化学上是优良的螯合剂/络合剂，在工业上对柠檬酸钠的应用都是利用此一特性。还用于酿造、注射液、摄影药品和电镀等。
- 包 装：25kg牛皮纸袋、25吨一个柜子



16—80mesh



30—100mesh



小苏打
Sodium bicarbonate



▼ A kind of industrial chemicals

sodium bicarbonate

- ▼ Other names: sodium hydrogen carbonate、natrium bicarbonicum、acid sodium carbonate
- ▼ Shape:white crystal, or monoclinic crystal. Odorless, salty taste
- ▼ Partical size available:40-60mesh, 60-80mesh, 80-150mesh, 180mesh, 300mesh
- ▼ Grade: Food grade, Feed grade, Pharmaceutical Grade
- ▼ Features:soluble in water, slightly soluble in ethanol. The aqueous solution is slightly alkaline due to hydrolysis, and the properties are stable at room temperature, easy to decompose by heating, no change in the dry air and slow decomposition in the moist air. With stability, only slightly alkaline reaction of phenolphthalein, placed or elevated temperature, the increase of alkaline. Can react with acid, alkali and salt, hydrolysis, heating, ionization and so on
- ▼ Application:can be used as raw materials for the pharmaceutical industry, for the treatment of excessive gastric acid. Can also be used for film production, tanning, mineral processing, smelting, heat treatment of metals, as well as for the fiber and rubber industry, etc.. Also used as a detergent for wool, as well as for seed soaking in agriculture. Food industry is one of the most widely used osteoporosis agent, agent is carbon dioxide in soda water; and alum composite alkaline baking powder, but also with soda composite for civilian soda can also be used as a preservative. Fire fighting equipment for production of acid and alkali fire extinguisher and foam extinguisher. Rubber industry for rubber and sponge production. Metallurgical industry as a fluxing agent for ingot casting. Machinery industry (Foundry) used as casting molding auxiliary mould. Printing and dyeing industry as dyeing and printing process, acid-base buffer, rear fabric dyeing and finishing the treatment agent. Baking soda can prevent the dyeing bobbin produce color flowers. The raw material used in the pharmaceutical industry as an antiacid.
- ▼ Packing: stored in a cool, dry, well ventilated warehouse,packed in 25kg bags, 25MT per 20'fcl.

▼ 一种工业化学品

小苏打



- ▼ 俗 称: 碳酸氢钠、重碳酸钠, 酸式碳酸钠, 重曹
- ▼ 形 状: 白色晶体, 或不透明单斜晶系细微结晶。无臭、味咸
- ▼ 粒度 大小: 40-60mesh, 60-80, 80-150mesh, 180mesh, 300mesh
- ▼ 等 级: 食品级, 饲料级, 医药级
- ▼ 物化 性质: 可溶于水, 微溶于乙醇。其水溶液因水解而呈微碱性, 常温中性质稳定, 受热易分解, 在干燥空气中无变化, 在潮湿空气中缓慢分解。具有稳定性, 对酚酞试纸仅呈微碱性反应, 放置或升高温度, 其碱性增加。可以与酸、与碱、与盐发生反应, 可水解、加热、电离等
- ▼ 小苏打用途: 可直接作为制药工业的原料, 用于治疗胃酸过多。还可用于电影制片、鞣革、选矿、冶炼、金属热处理, 以及用于纤维、橡胶工业等。同时用作羊毛的洗涤剂, 以及用于农业浸种等。食品工业中一种应用最广泛的疏松剂, 是汽饮料中二氧化碳的发生剂; 可与明矾复合为碱性发酵粉, 也可与纯碱复合为民用石碱; 还可用作保存剂。消防器材中用于生产酸碱灭火器和泡沫灭火器。橡胶工业用于橡胶、海绵生产。冶金工业用作浇铸钢锭的助熔剂。机械工业用作铸钢(翻砂)砂型的成型助剂。印染工业用作染色印花的固色剂, 酸碱缓冲剂, 织物染整的后方处理剂。染色中加入小苏打可以防止纱筒产生色花。医药工业用作制酸剂的原料。
- ▼ 小苏打包装: 储存于阴凉、干燥、通风良好的库房, 25kg/袋, 一个柜子可以装25吨





碳酸氢铵
Ammonium bicarbonate



Is a kind of chemical fertilizers containing nitrogen

Ammonium bicarbonate

- Other names: dichromate ammonia、 Heavy ammonium carbonate、 Nitrogen fertilizer
- Shape: White compound, granular, tabular or columnar. Non-toxic, ammonia odor.
- Grade: industrial grade、 food grade
- Features: Ammonium bicarbonate is a carbonate, containing about 17.7% nitrogen. Relative density 1.58, melting point 107.5 DEG C (hot). Soluble in water, aqueous solution is alkaline, weak alkaline, insoluble in ethanol and acetone. Hygroscopic agglomerate, deliquescence after accelerated the decomposition. The chemical properties are unstable, and are decomposed into carbon dioxide, ammonia and water at room temperature, in which ammonia has special ammonia odor.
- Application: Used as a nitrogen fertilizer, applicable to all kinds of soil, can also provide the ammonium nitrogen and carbon dioxide required for crop growth, but low in nitrogen, easy to agglomerate; used as an analytical reagent, but also for the synthesis of ammonium salt and fabric degreasing; can promote the growth and Photosynthesis of crop seedlings, urge leaves, can be used as fertilizer, but also can be used for the direct application of base fertilizer, used as food expansion agent; used as food advanced fermentation agent. The utility model can be used as the raw material of leavening agent such as bread, biscuit, pancake, etc., and can also be used as the raw material of foaming powder juice. Also used for green vegetables, bamboo shoots, such as blanching, as well as medicine and reagents; used as a buffer agent. Ammonium hydrogen carbonate in plastics and rubber industry, pottery making, chrome tanned leather and synthetic catalyst is widely used. Used as analytical reagent. For ammonium synthesis. Pharmaceutical, cleaning, degreasing, foam fabric dye.
- Packing: 25kg, 50kg, 1000kg plastic bags; 27MT per 20'fcl, with pallets to 24MT

是一种含氮的化学肥料

碳酸氢铵



- 俗 称: 碳铵、食臭粉、重铬酸氨、重碳酸铵、氮肥、气肥
- 形 状: 白色化合物, 呈粒状, 板状或柱状结晶。无毒, 有氨臭。
- 等 级: 工业级、食品级
- 物化 特性: 碳酸氢铵是一种碳酸盐, 含氮17.7%左右。相对密度1.58, 熔点107.5°C(急热)。易溶于水, 水溶液呈碱性, 碱性较弱, 不溶于乙醇和丙酮。易吸湿结块, 潮解后分解加快。化学性质不稳定, 常温下缓慢分解成二氧化碳、氨和水, 其中氨气有特殊的氨臭味, 分解速度随温度升高、湿度的加大而加快。
- 用 途: 用作氮肥, 适用于各种土壤, 可同时提供作物生长所需的铵态氮和二氧化碳, 但含氮量低、易结块; 用作分析试剂, 也用于合成铵盐和织物脱脂; 能促进作物生长和光合作用, 催苗长叶, 可作追肥, 也可作底肥直接施用, 用作食品膨胀剂; 用作食品高级发酵剂。与碳酸氢钠合用可作面包、饼干、煎饼等膨松剂的原料, 亦用作发泡粉末果汁的原料。还用于绿色蔬菜、竹笋等烫漂, 以及医药及试剂; 用作缓冲剂; 充气剂。碳酸氢铵在塑胶和橡胶工业、陶器制作、铬鞣革和合成催化剂上被广为使用。用作分析试剂。用于铵盐合成。制药、焙粉、染料、织物脱脂、泡沫塑料。
- 包 装: 25kg、50kg、1000kg内塑外编袋; 27MT一个柜子, 打托可装24MT





纯碱

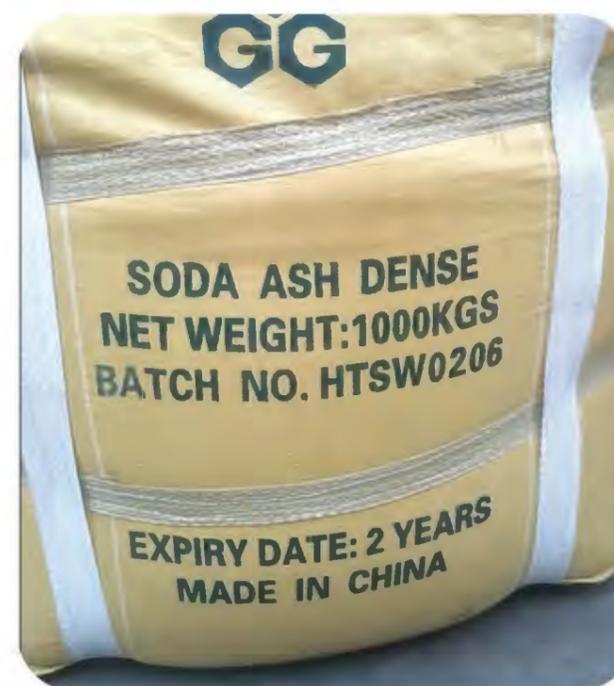
重要的化工原料之一，属于盐类

- ✎ 俗 称：苏打、石碱、洗涤碱、碳酸钠
- ✎ 形 状：白色粉末或细颗粒(无水纯品)，味涩
- ✎ 贮藏 条件：储存于阴凉、通风的库房。远离火种、热源。应与酸类等分开存放
- ✎ 性 质：含十个结晶水的碳酸钠为无色晶体，结晶水不稳定，易风化，变成白色粉末 Na_2CO_3 ，为强电解质，具有盐的通性和热稳定性，易溶于水，其水溶液呈碱性且有一定的腐蚀性。长期暴露在空气中能吸收空气中的水分及二氧化碳，生成碳酸氢钠，并结成硬块。高温下也可分解，生成氧化钠和二氧化碳。
- ✎ 纯碱 用途：玻璃工业是纯碱的摄大消费部门，每吨玻璃消耗纯碱0.2t。主要用于浮法玻璃、显像管玻壳、光学玻璃等。也可用于化工、冶金等其他部门。使用重质纯碱可以减少碱尘飞扬、降低原料消耗、改善劳动条件，还可提高产品质量，同时减轻碱粉对耐火材料的侵蚀作用，延长窑炉的使用寿命。作缓冲剂、中和剂和面团改良剂，可用于糕点和面制食品，按生产需要适量使用。作为洗涤剂用于羊毛漂洗，浴盐和医药用，鞣革中的碱剂。用于食品工业，作中和剂、膨松剂。还可配成碱水加入面食中，增加弹性和延展性。碳酸钠还可以用于生产味精；彩电专用试剂用于制药工业，作解酸药、渗透性轻泻剂。冶金工业用作冶炼助熔剂、选矿用浮选剂，炼钢和炼锡用作脱硫剂。印染工业用作软水剂。制革工业用于原料皮的脱脂、中和铬鞣和提高铬鞣液碱度。
- ✎ 纯碱 包装：25kg塑料编织袋内衬一层聚乙烯袋

It is one of the important chemical raw materials, belong to salt

Soda Ash/Sodium Carbonate

- ✎ Other name: sal soda、crystal soda、washing soda、
- ✎ Shape: white powder or fine particles (anhydrous pure product), astringent taste
- ✎ Storage conditions: store in a cool, ventilated warehouse. Keep away from fire and heat sources With acid and stored separately
- ✎ Features: Sodium carbonate containing ten crystal water is a colorless crystal, crystal water is not stable, easy weathering, white powder Na_2CO_3 , is a strong electrolyte with salt transparency and thermal stability, soluble in water, its water solution is alkaline and has certain corrosion resistance. Long term exposure in the air can absorb moisture and carbon dioxide in the air to produce sodium bicarbonate, and caked. It can be decomposed under high temperature, generating sodium oxide and carbon dioxide.
- ✎ Application: Glass industry is a large consumption of soda ash sector, the consumption per ton of soda ash glass 0.2T. Mainly used in float glass, glass tube, optical glass, etc.. Can also be used in chemical, metallurgical and other departments. The use of heavy soda ash can reduce the dust flying, reduce the consumption of raw materials, improve the working conditions, but also can improve the quality of products, while reducing the alkali powder on the erosion of refractory materials, extend the service life of the kiln. It is used as a buffer agent, neutralizer and dough improver, and can be used for pastry and flour food. As for wool washing detergent, bath salts and medicine, alkali agent in leather. Used in the food industry, as neutralizer, leavening agent. Can also be added into the pasta, add flexibility and scalability. Sodium carbonate can also be used in the production of monosodium glutamate; TV special reagents used in the pharmaceutical industry, as antacid and osmotic laxatives. The metallurgical industry is used as a flux for smelting, a flotation agent for mineral processing, and a catalyst for smelting iron and antimony. Printing and dyeing industry as soft water. Leather industry for raw materials of leather degreasing, and chrome tanned leather and chrome tanning solution alkalinity.
- ✎ Packaging: 25kgs plastic woven bag lined with one layer of polythene bag



一种有特殊气味的化学品

十二烷基醚硫酸钠

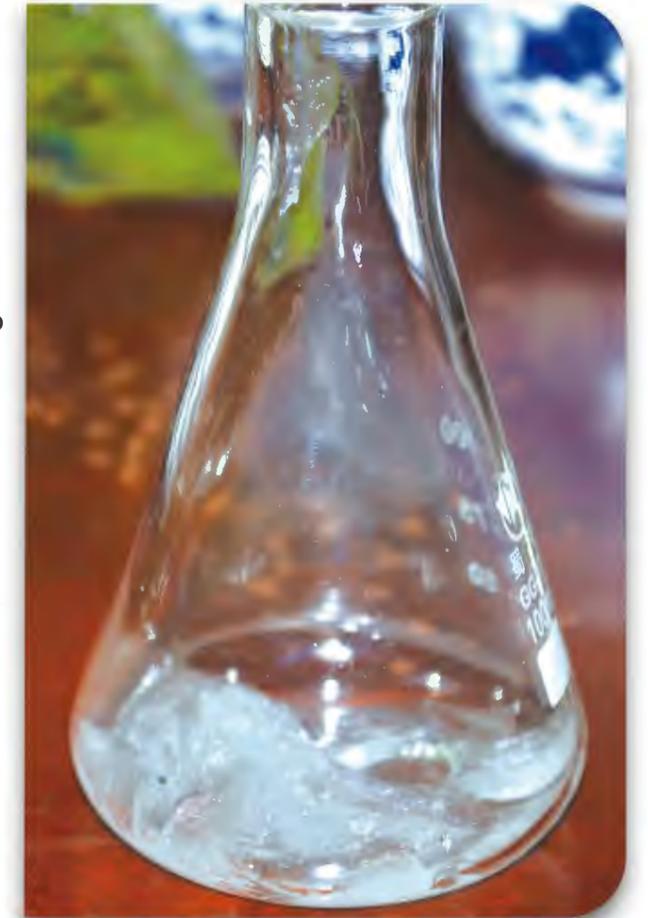
- 俗 称: 月桂基醚硫酸钠, 月桂醇醚硫酸钠、AES钠盐
- 形 状: 一种白色或淡黄色粘稠状
- 等 级: 工业级
- 用 途: 主要用于配置洗发香液、沐浴露、洗手剂、餐洗剂、洗衣液、洗衣粉等日化用品; 使用SLES替代LABSA, 可以节省或减少磷酸盐, 减少活性物质的一般用量。可用于配置玻璃清洁剂、汽车清洗剂等硬表面清洗剂, 常于K12、LAS-Na、6501等配合使用; 在防治、造纸、皮革、机械、石油开采等行业中被用作润滑剂、印染助剂、清洁剂、发泡剂、脱脂剂等。
- 包 装: 110kg/170kg/215kg的塑料桶包装, 一个柜子装19.38吨的170kg塑料桶; IBC吨桶包装, 一个柜子可装20吨。



A chemical with a special odor

Sodium Lauryl Ether Sulfate

- Other names: Lauryl ether sodium, Sodium Lauryl Ether Sulfate, AES sodium salt
- Shape: A white or pale yellow viscous
- Grade: industrial grade
- Application: Mainly used to configure the shampoo liquid, bath lotion, hand sanitizer, meal lotion, liquid detergent, washing powder and other daily necessities; use SLES instead of LABSA, you can save or reduce the phosphate, reduce the general amount of active substances. Can be used to configure the glass cleaner, car cleaning agent and other hard surface cleaning agent, often with K12, LAS-Na, etc. with the use of 6501; in control, papermaking, leather, machinery, petroleum industry is used as a lubricant, auxiliaries, cleaning agent, foaming agent, degreasing agent.
- Packing: 110KG/170KG drums/215KG drums /1MT IBC drums. 19.38 MT per 20'FCL for 170 kg drum; 17.2 MT per 20'FCL for 215 kg drum ;20 MT per 20' FCL for 1 MT IBC drum



直链烷基苯磺酸

☑ 具有一定腐蚀性的有机弱酸

- ☑ 俗 称: 十二烷基苯磺酸
- ☑ 形 状: 棕色黏稠液体
- ☑ 等 级: 工业级
- ☑ 贮藏 条件: 储存于阴凉干燥处
- ☑ 性 质: 溶于水, 用水稀释产生热; 不溶于一般的有机溶剂, 具有很强的吸水性, 吸水后的磺酸呈稠粘的不透明液体。其生物降解度 > 90%。有一定腐蚀性, 对皮肤和眼睛有强烈刺激性。
- ☑ 用 途: 可用作氨基烘漆的固化催化剂, 用于配制各种液体、固体洗涤剂。用作洗涤剂原料, 用于生产直链烷基苯磺酸钠盐、铵盐和乙醇铵盐, 也直接用于各类洗涤剂、化妆品配方中。因其在酸性溶液中稳定, 且有良好的洗涤性能, 故常用于厕所清洁剂等酸性溶液洗涤剂的配制。纺织工业的清洗剂、染色助剂; 电镀工业、制革工业的脱脂剂; 造纸工业的脱墨剂等。
- ☑ 包 装: 110kg/170kg/215kg的塑料桶包装, 一个柜子装19.38吨的170kg塑料桶; IBC吨桶包装, 一个柜子可装20吨。



☑ Organic weak acid with certain corrosion

linear alkyl benzene sulphonic acid(LABSA)

- ☑ Other name: Dodecylbenzenesulfonic acid(DBSA)
- ☑ Shape: Brown viscous liquid
- ☑ Grade: Industrial grade
- ☑ Storage conditions: Store in a cool dry place
- ☑ Features: Soluble in water, diluted with water to produce heat; insoluble in general organic solvents, has a strong water absorption, water absorption of the sulfonic acid is a viscous opaque liquid. The biodegradation degree is 90%. Has a certain corrosive, strong irritant to the skin and eyes.
- ☑ Application: Can be used as a catalyst for the preparation of amino baking paint, all kinds of solid and liquid detergent. It is used as raw material for the production of sodium salt, ammonium salt and ammonium salt. Because of its stability in acidic solution and good washing performance, it is often used in the preparation of detergent solution, such as cleaning agent. Textile industrial cleaning agent, dyeing auxiliaries; electroplating degreasing agent industry, leather industry; deinking agent in papermaking industry.
- ☑ Packaging: 110KG/170KG drums/215KG drums /1MTIBC drums. 19.38 MT per 20'FCL for 170 kg drum; 17.2 MT per 20'FCL for 215 kg drum ; 20 MT per 20'FCL for 1 MT IBC drum



一种常见的无机酸，是中强酸

磷酸

- 俗 称：正磷酸
- 形 状：白色固体或者无色粘稠液体
- 等 级：工业级、食品级
- 特 性：85%磷酸是无色透明或略带浅色，稠状液体。无臭、味很酸。熔点42.35°C。沸点213°C时（失去1/2水），则生成焦磷酸。加热至300°C时变成偏磷酸。相对密度d181.834。易溶于水，溶于乙醇。其酸性较硫酸、盐酸和硝酸等强酸弱，但较醋酸、硼酸等弱酸强。能刺激皮肤引起发炎，破坏肌体组织。浓磷酸在瓷器中加热时有侵蚀作用。有吸湿性。磷酸与碳酸钠反应时在不同的pH下，可生成不同的酸式盐。
- 用 途：主要用于磷酸盐工业、电镀、抛光工业、制糖工业、复合肥料等。在食品工业中作为酸味剂、酵母营养剂等；用于乙烯水合生产乙醇用催化剂、高纯磷酸盐、医药品制造、化学试剂。用于制取化学肥料、洗涤剂、食品和饲料添加剂、阻燃剂及各种磷酸盐；常用作分析试剂，用于容量及比色分析等；在硅平面管和集成电路生产中，普遍用铝膜作电极引线，需要对铝膜进行光刻，用磷酸作酸性清洗腐蚀剂。可与乙酸配制使用；用作酸味剂和酵母的营养剂。可用于调味料、罐头、清凉饮料的酸味剂。用于酿酒时的酵母营养源，防止杂菌繁殖。作酵母营养剂、螯合剂、抗氧化增效剂和无机酸味剂，酸味度为2.3~2.5，可用于复合调味料、罐头、干酪、果冻和可乐型饮料，按生产需要适量使用。精制磷酸用于制饲料用磷酸氢钙。医药工业用于制造甘油磷酸钠、磷酸铁等，也用于制造磷酸锌作为牙科补牙黏合剂。用作酚醛树脂缩合的催化剂，染料及中间体生产用的干燥剂。印刷工业用于配制揩去胶印彩印版上污点的清洗液。还用于配制火柴梗浸渍液。是橡胶浆料的凝固剂及生产无机黏结剂的原料。涂料工业用作金属防锈漆。
- 包 装：35kg小桶包装，一个柜子可以装25.9吨（740个小桶）；330kg包装桶，一个柜子可以装25.08吨（76个桶）；IBC吨桶包装，一个柜子可以装25.6吨（16个IBC桶）。

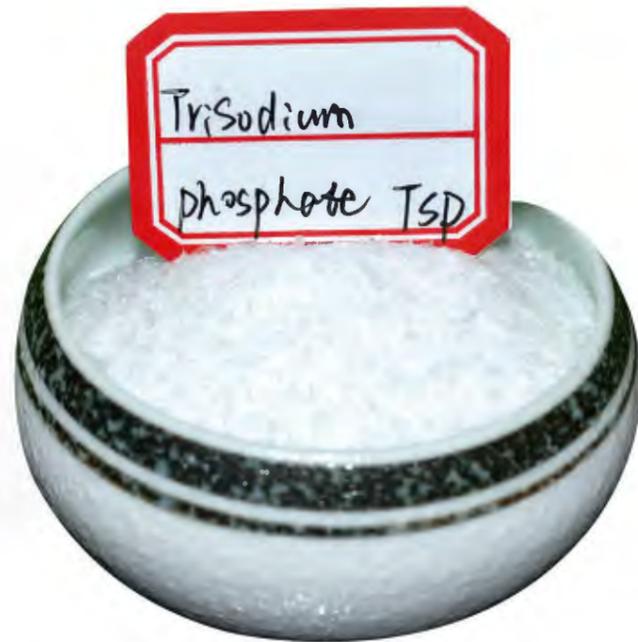


A common inorganic acid, is in strong acid

Phosphoric Acid

- Other names: Orthophosphoric acid
- Shape: White solid or colorless viscous liquid
- Grade: industrial grade, food grade
- Features: 85% phosphoric acid is colorless transparent or light colored, thick liquid. Odorless, taste very sour. Melting point 42.35 DEG C. When the boiling point is 213 DEG C (1/2 water), the pyrophosphate is formed. When heated to 300 DEG C. Relative density d181.834. Soluble in water, soluble in ethanol. Compared with sulfuric acid, hydrochloric acid and nitric acid, the acid is weaker than that of acetic acid and boric acid. Can stimulate the skin to cause inflammation, destroy the body tissue. Phosphoric acid is used for heating in porcelain. Hygroscopic property. The reaction of phosphoric acid and sodium carbonate in different pH conditions, can generate different acid salt.
- Application: Mainly used in phosphate industry, electroplating, polishing industry, sugar industry, compound fertilizer, etc.. In the food industry as a sour agent, yeast nutrients, etc., used in the production of ethylene hydration ethanol catalyst, high-purity phosphate, pharmaceutical manufacturing, chemical reagents. For the preparation of chemical fertilizers, detergents, food and feed additives, flame retardant and various phosphate; often used as an analytical reagent for capacity and colorimetric analysis; in silicon planar tube and integrated circuit production, widely used in aluminum film as the electrode wire, the need for lithography on the aluminum film, with phosphoric acid as acid cleaning corrosion agent. Can be used with acetic acid; used as a sour agent and yeast nutrients. Can be used for flavoring, canned, cool drink sour agent. When used in brewing yeast nutrient source, to prevent the breeding of bacteria. The utility model can be used as a yeast nutrient, a chelating agent, an antioxidant synergist and an inorganic sour agent, and the acidity degree is 2.3 to 2.5, which can be used for the composite seasoning, the canned food, the cheese, the jelly and the cola beverage. Purified phosphoric acid for use as feed calcium hydrogen phosphate. The pharmaceutical industry for the manufacture of glycerol sodium phosphate, iron phosphate, zinc phosphate is also used in the manufacture of dental fillings. Catalyst for use as a catalyst for the condensation of phenolic resins, for the production of dyes and intermediates. The printing industry is used to prepare the cleaning solution to wipe the stain on the offset printing plate. Also used for the preparation of match stem dipping solution. Is the production of inorganic coagulants and rubber paste adhesive materials. Coating industry used as antirust paint.
- Packing: in plastic drum of 35kg net each, 25.9MT/20'/740 drums; in plastic drum of 330kg net each, 25.08MT/20'/76 drums; in IBC of 1600kg net each, 25.6MT/20'/16 IBC.





磷酸三钠是三元酸

磷酸三钠

- 俗 称: 无水磷酸三钠
- 形 状: 无色至白色针状结晶或结晶性粉末
- 等 级: 工业级、食品级
- 物化 特性: 可溶于水, 不溶于乙醇、二硫化碳; 相对密度1.62 (20摄氏度): 熔点73.3-76.7摄氏度 (分解), 在干燥空气中风化, 100摄氏度时即失去十二个结晶水而成无水物 (Na_3PO_4), 无臭。水溶液呈碱性, 对皮肤有一定的侵蚀作用。
- 用 途: 作品质改良剂, 有提高食品的络合金属离子、pH值、增加离子强度等的作用, 由此改善食品的结着力和持水性。在化工、纺织、印染、造纸、发电等行业中用作软水剂和洗涤剂, 锅炉防垢剂, 纸张染色中的软水剂, 生产蜡光纸用胶黏剂的酸碱度缓冲剂, 印染时的固色剂, 织物的丝光增强剂, 制线的防脆剂。冶金工业用作化学去油、去污, 用作照相显影溶液中的优良促进剂。牙齿清洁剂和瓶器的洗涤剂。橡胶乳汁的凝固剂。糖汁净化剂。在食品加工中也用作乳化剂、营养增补剂、品质改良剂。是配制面食碱水的原料, 亦用于砂糖精制和 α -淀粉的制造。还用作食品用瓶、罐等的洗涤剂。固体磷酸三钠 (TSP) 属于强碱弱酸盐, 具有较强的碱性和较高的溶解度, 化学性质稳定, 能够长期保存, 在安全壳喷淋系统(EAS)的喷淋水中添加TSP替代NaOH, 能够调节喷淋液的pH值, 有效地除去从泄漏的冷却水中释放至安全壳中的碘气体, 避免强碱对工作人员的伤害, 易于事故后的清理。
- 包 装: 25kg、50kg、1000kg 内塑外编袋



Sodium nitrate is salty taste and soluble in water

Tri Sodium Phosphate

- Other names: trisodium phosphate anhydrous
- Shape: Colorless to white needle crystal or crystalline powder
- Grade: industrial grade、 food grade
- Features: Soluble in water, insoluble in ethanol, carbon disulfide; relative density 1.62 (20 degrees Celsius) melting point: 73.3-76.7 degrees Celsius (decomposition), Fenghua in dry air, 100 degrees Celsius lost twelve crystal water to become anhydrous (Na_3PO_4), odorless. The aqueous solution is alkaline and has a certain effect on the skin.
- Application: The work quality modifier has the function of increasing the complexing metal ion, pH value and increasing the ionic strength of the food, so as to improve the consistency and water holding capacity of the food. Used as a water softener and detergent in chemical industry, textile, printing and dyeing, papermaking, power industry, boiler scale inhibitor, water softener paper dyeing, adhesive for pH buffer when the production of glazed paper, printing and dyeing of mercerized fabric fixing agent, reinforcing agent, anti brittle agent line. The metallurgical industry is used for chemical degreasing and decontamination, and is used as a good promoter in photographic developing solution. Tooth cleaner and detergent for bottle. Rubber latex coagulant. Syrup purification agent. It is also used as emulsifier, nutritional supplement and quality improver in food processing. It is a raw material for preparing pasta, and also used in sugar refining and alpha - starch manufacturing. Also used as food bottles, cans and other detergents. Solid phosphoric acid three sodium (TSP) belongs to the strong base weak acid salt, strong alkaline and high solubility, chemical stability, can be preserved for a long time, in the containment spray system (EAS) of the spray water to add TSP instead of NaOH, can regulate the pH value of the liquid spray, effectively removing iodine gas from cooling water release to safety shell leakage in alkali, avoid injury to staff, easy to clean up after the accident.
- Packing: 25kg, 50kg, 1000kg plastic bags

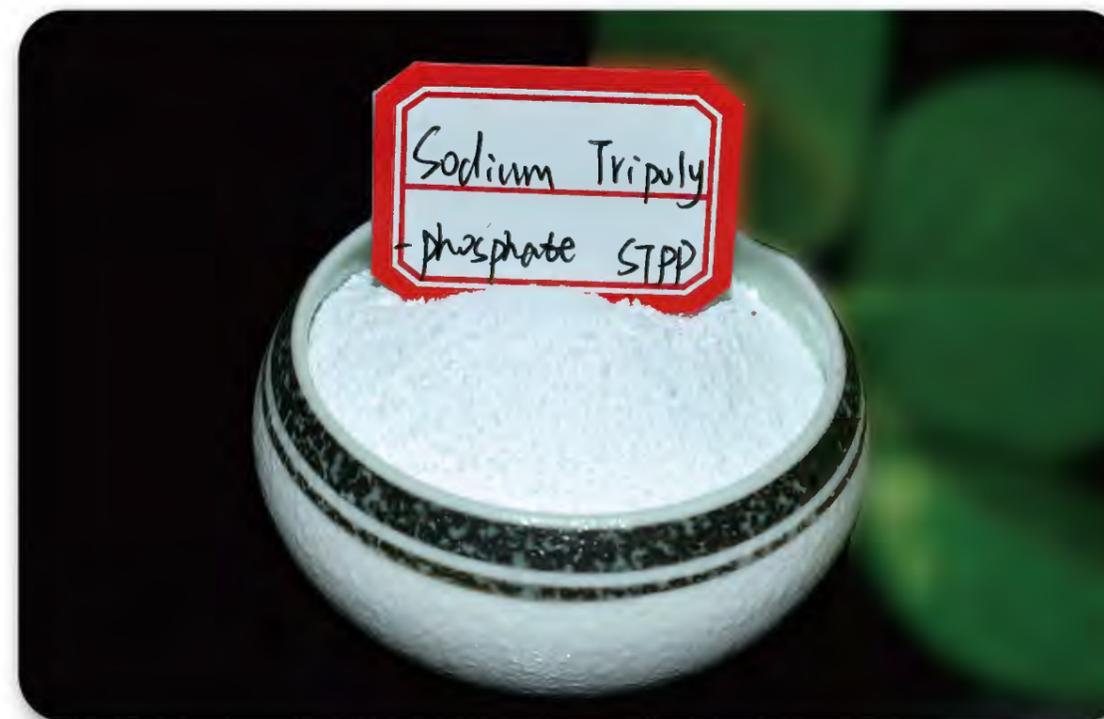


三聚磷酸钠



一类无定形水溶性线状聚磷酸盐

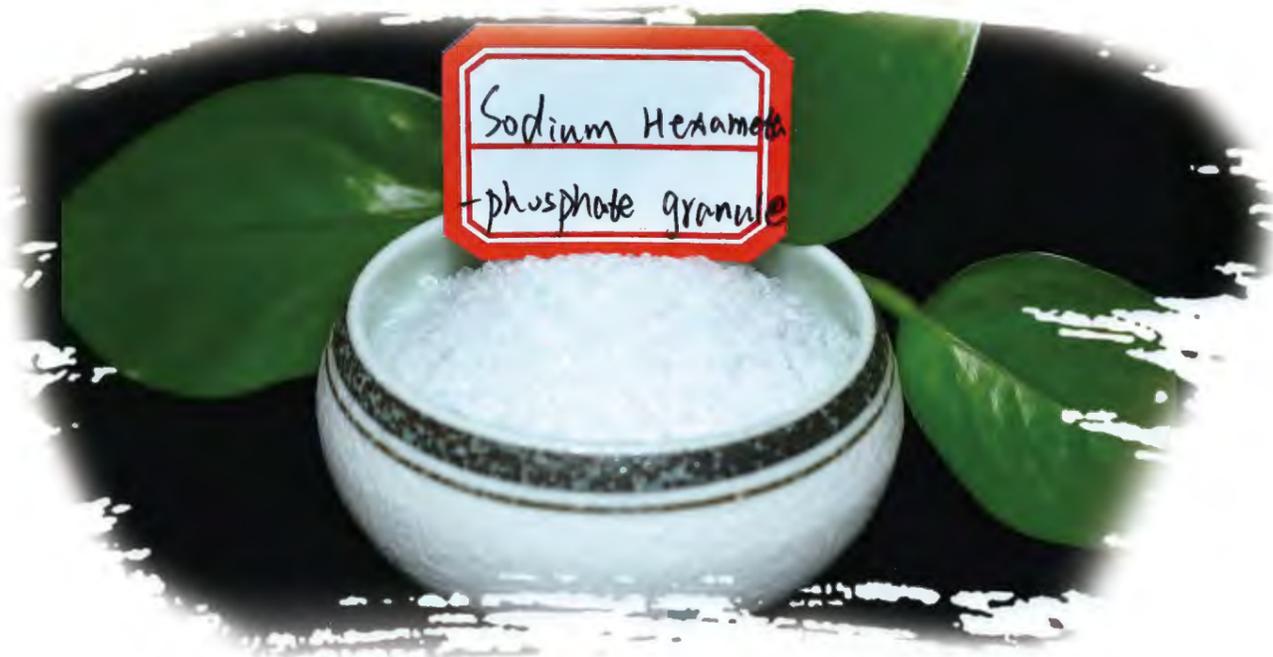
- ↳ 俗 称: 磷酸五钠、焦偏磷酸钠
- ↳ 形 状: 白色粉末状结晶
- ↳ 等 级: 工业级、食品级
- ↳ 物化 特性: 白色粉末状结晶, 流动性较好。密度: I 型的密度为2.62g/cm³, II 型的密度为2.57g/cm³。熔点:622°C。易溶于水, 其水溶液呈碱性。20 g/100 mL (20°C)。对钙镁等金属离子有显著的螯合能力, 能软化硬水, 使悬浮液变成溶液, 有弱碱性, 无腐蚀性, 是一种无机物表面活性剂,
- ↳ 用 途: 用作洗涤剂助剂, 亦可用于石油、冶金、采矿、造纸、水处理等。主要用作合成洗涤剂的助剂, 用于肥皂增效剂和防止条皂油脂析出和起霜。对润滑油和脂肪有强烈的乳化作用, 可用于调节缓冲皂液的PH值。工业用水的软水剂。制革剂。染色助剂。油漆、高岭土、氧化镁、碳酸钙等工业中配制悬浮时作分散剂。钻井泥浆分散剂。造纸工业用作防油污剂。食品工业中用于罐头, 果汁饮料, 奶制品, 豆乳等的品质改良剂, 水分保持剂。主要供火腿罐头嫩化, 蚕豆罐头中使豆皮软化, 亦可用于作软化剂和增稠剂。
- ↳ 包 装: 25kg内塑外编袋; 22MT一个柜子, 打托可装21MT



一类无定形水溶性线状聚磷酸盐

Sodium Tripolyphosphate

- ↳ Other names: Five sodium phosphate, sodium pyrophosphate
- ↳ Shape: White powder crystal
- ↳ Grade: industrial grade、 food grade
- ↳ Features: White powder crystal, good fluidity. Density: the density of type I was 2.62g/cm³, the density of type II was 2.57g/cm³. Melting point: 622. Soluble in water, its aqueous solution is alkaline. 20 g/100 mL (20 DEG C). Calcium and magnesium and other metal ions have a significant chelating capacity, can soften hard water, so that the suspension into a solution, a weak alkaline, non corrosive, is an inorganic surfactant,
- ↳ Application: Used as detergent additives, can also be used in petroleum, metallurgy, mining, papermaking, water treatment, etc.. Mainly used as synthetic detergent additives, synergist for soap and soap to prevent a fat separation and bloom. It can be used to adjust the pH value of buffer soap. Industrial water softener. Tanning agent. Dyeing auxiliaries. Paint, kaolin, Magnesium Oxide, calcium carbonate and other industries in the preparation of suspension as dispersant. Drilling mud dispersant. The paper industry is used as an anti oil agent. Canned food, for the food industry in fruit juices, dairy products, soy milk and other quality improvement agent, water retention agent. Mainly for canned ham tender, broad beans in the skin softening, it can also be used as a thickening agent and softener.
- ↳ Packing: 25kg plastic bags; 22MT per 20'fcl, with pallets to 21MT



六偏磷酸钠是多种聚磷酸盐的混合物

六偏磷酸钠

- ↳ 俗 称：磷酸钠玻璃体、格兰汉姆盐、四聚磷酸钠
- ↳ 形 状：无色透明玻璃片状或白色粒状结晶或粉末
- ↳ 等 级：工业级、食品级
- ↳ 特 性：熔点616°C（分解），相对密度2.484g/cm³（20°C），吸湿性较强；吸湿后变粘，在空气中易潮湿，易溶于水，不溶于有机溶剂，在水中溶解度较大，但溶解速度较慢；水溶液呈酸性反应。易水解或成亚磷酸盐。对某些金属离子（钙、镁）有生成或溶性络合物的能力，故可用来软化水，与铅、银、钡盐等也可生成络合物。
- ↳ 用 途：在食品工业中用作食品品质改良剂，用于罐头、果汁饮料、奶制品、豆乳。可作Ph调节剂、金属离子螯合剂、粘着剂和膨胀剂等。用于豆类、果蔬罐头，可以稳定天然色素，保护食品色泽；用在肉类罐头中可使脂肪乳化，保持质地均匀；用于肉类食品上可提高持水性，防止肉中脂肪变质。加入啤酒中，能澄清酒液，防止浑浊。用作锅炉用水和工业用水（包括染料生产用水，钛白粉生产用水，印染调浆和染色用水，清洗彩色电影拷贝用水，以及化工用水，药品、试剂生产用水等）的软水剂，工业循环冷却水的水处理剂；还用作缓蚀剂，浮选剂，分散剂，高温结合剂，染色助剂，金属表面处理、防锈剂，洗涤剂助剂，水泥硬化促进剂。铜版纸生产用作浆料扩散剂，以提高渗透力。此外还用于洗涤器皿和化学纤维中用以除去浆粕中的铁离子。石油工业中用于钻探管的防锈和控制石油钻井时调节泥浆的黏度。用于锅炉用水软水剂、印染染浴的软水剂和造纸扩散剂。还用于缓蚀剂、浮选剂、分散剂和高温结合剂。其它用于洗涤器皿以及化学纤维中用以除去浆粕中的铁质。还用于土壤分析。
- ↳ 包 装：25kg、50kg、1000kg牛皮纸袋、27吨一个柜子，打托25吨

➤ Sodium hexameta phosphate is a mixture of polyphosphate

Sodium Hexameta Phosphate

- ↳ Other names: Sodium phosphate glass、Graham of salt、Four sodium polyphosphate
- ↳ Shape: Colorless transparent glass flake or white granular crystal or powder
- ↳ Grade: industrial grade, food grade
- ↳ Features: The melting point of 616 DEG C (decomposition), the relative density of 2.484g/cm³ (20 C), strong hygroscopicity; viscosity after moisture absorption, easy to damp in the air, soluble in water, insoluble in organic solvents, high solubility in water, but the dissolution rate is relatively slow; the acidic aqueous solution reaction. Easy hydrolysis or phosphite. F- or some metals (calcium, magnesium) have the ability to produce or dissolve complex, it can be used to soften water, and lead, silver, barium salt can also be complex.
- ↳ Application: As a food quality improver in the food industry, used in canned food, fruit juice, milk, soy milk. Can be used as Ph regulator, metal ion chelating agent, adhesive agent and expansion agent. For beans, canned fruits and vegetables, can protect the stability of natural pigments, food color; used in canned meat can make the fat emulsion, maintain uniform texture; for meat food can improve the water holding capacity, prevent fat in meat. Add beer, to clarify the liquor, to prevent turbidity. Used in boiler water and industrial water (including water, dye production water, titanium dioxide production of printing and dyeing pulp and dyeing water, cleaning water and chemical color copies of the film, water, medicine and reagent production water etc.) the water softener, water treatment agent for industrial circulating cooling water; also used as a corrosion inhibitor, flotation agent, dispersion agent, high temperature binder, dyeing agent, metal surface treatment, anti rust agent, detergent additives, cement hardening accelerator. Coated paper is used as a slurry diffusion agent to improve penetration. Also used The removal of iron ions from pulp by washing utensils and chemical fibers. Adjustment of the viscosity of drilling fluids used in the oil industry and the control of oil drilling. Water softening agent for boiler water, printing and dyeing bath water softening agent and paper diffusion agent. Also used for corrosion inhibitor, flotation agent, dispersant and high temperature binder. Used in washing utensils and chemical fibers to remove iron from the pulp. For soil analysis.
- ↳ Packing: 25kg, 50kg, 1000kg kraft paper bag, 27MT per 20'fcl. With pallets to 25MT



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