

**We 've been doing it
What customers need**

CHEMICAL



Integrity



THE QUALITY OF SURVIVAL
TO THE CREDIBILITY OF DEVELOPMENT
质量是生命 信誉是保证



AGRICULTURAL

农化类



◆Molecular formula: KH_2PO_4

◆Standard executed: HG/T4511-2013

◆Function characteristics:

Rapid water soluble: suitable for all kinds of fertigation system;

Green security: do not contain heavy metal chloride, sodium ions, no pollution, hazardous residues;

Nutrition available: containing phosphorus, phosphoric acid root state is quickly absorbed by crops;

Good solubility: soluble in water, clear and transparent solution;

High phosphorus nutrients: can meet the needs of all kinds of the entire crop growth cycle of phosphorus;

Low salt index: overuse will not produce damage to crops.

◆Pieces for crops

Vegetable crops: tomato, eggplant, cucumber, sponge gourd, balsam pear, sweet pepper, sword bean, cowpea, Chinese cabbage, cabbage, lettuce, onion, garlic, leek, lettuce;

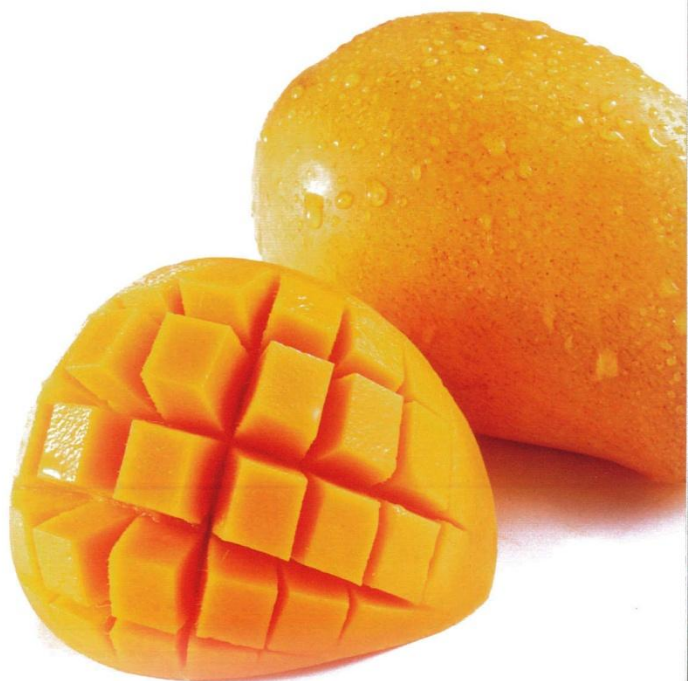
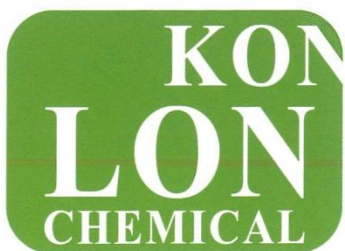
Fruit crops: loquat, peach, grape, watermelon, hami melon, melon, apple, orange, pear, banana, mango;

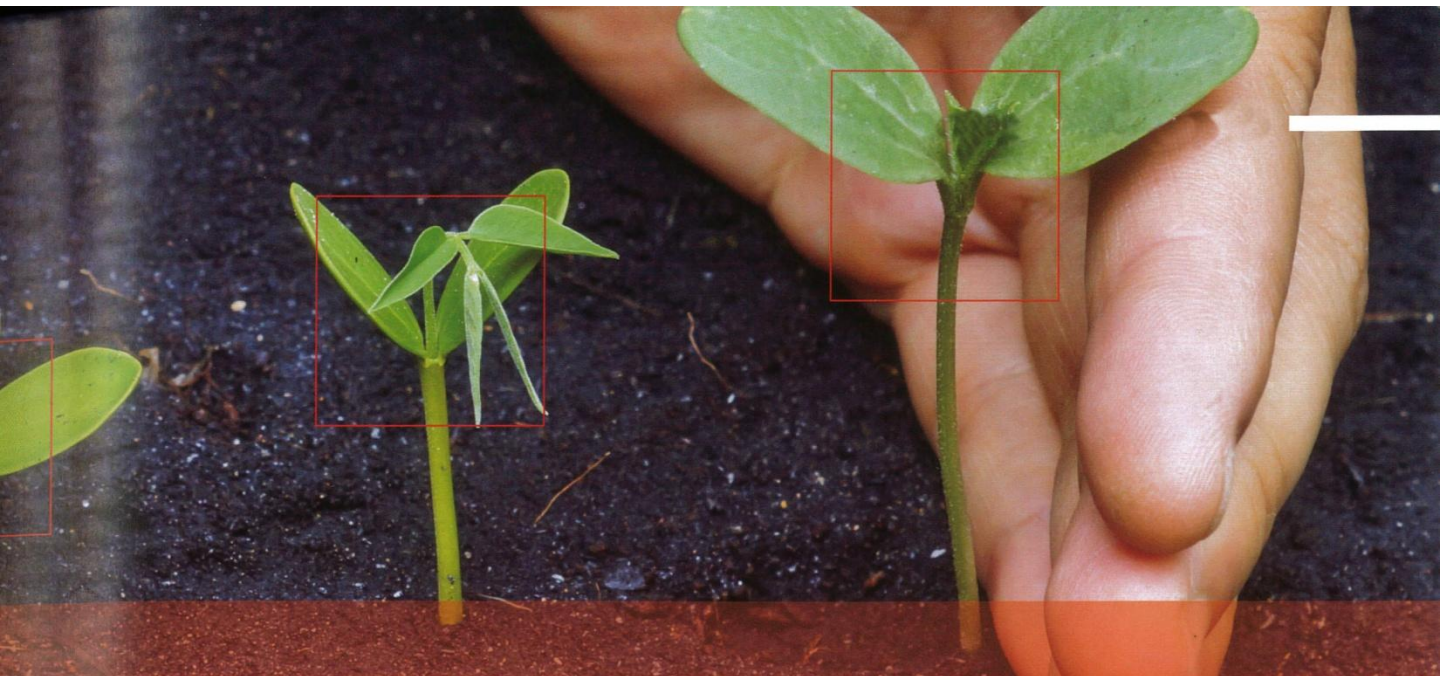
Horticultural crops: flowers;

Economic crops: cotton, tobacco, tea, Chinese herbal medicine.

MONO POTASSIUM PHOSPHATE

☑ **【 N-P-K 0-51.5-34 】**





MONO AMMONIUM PHOSPHATE

◆Molecular formula: $\text{NH}_4\text{H}_2\text{PO}_4$

◆Standard executed: HG/T 4133-2010

◆Product features:

Ammonium dihydrogen phosphate (MAP) USES the 85% thermal process phosphoric acid and chemical reaction in liquid nitrogen.

Appearance of product is white transparent crystal, completely water soluble, can quickly be absorbed by the plant; Stability in the air, not easy absorption of moisture, PH 4.4-4.8. Can provide water soluble phosphorus and ammonium nitrogen for plants; Suitable for use in plant growth, it is helpful for the growth of plant roots and grow.

In order to meet the demand of plants each growing period of fertilizer, ammonium dihydrogen phosphate can be mixed with other fertilizer producing efficient compound fertilizer; Do not contain harmful material on crop, suitable for spraying on the leaf, drip irrigation, blunt.

◆Application of advice:

Appropriate crops: cotton, tobacco, rapeseed, melon and fruit, wheat, corn, rice, soybean, sorghum, and various vegetables such as tomatoes, peppers, beans, garlic, ginger, leafy vegetables, medicinal herbs, etc.

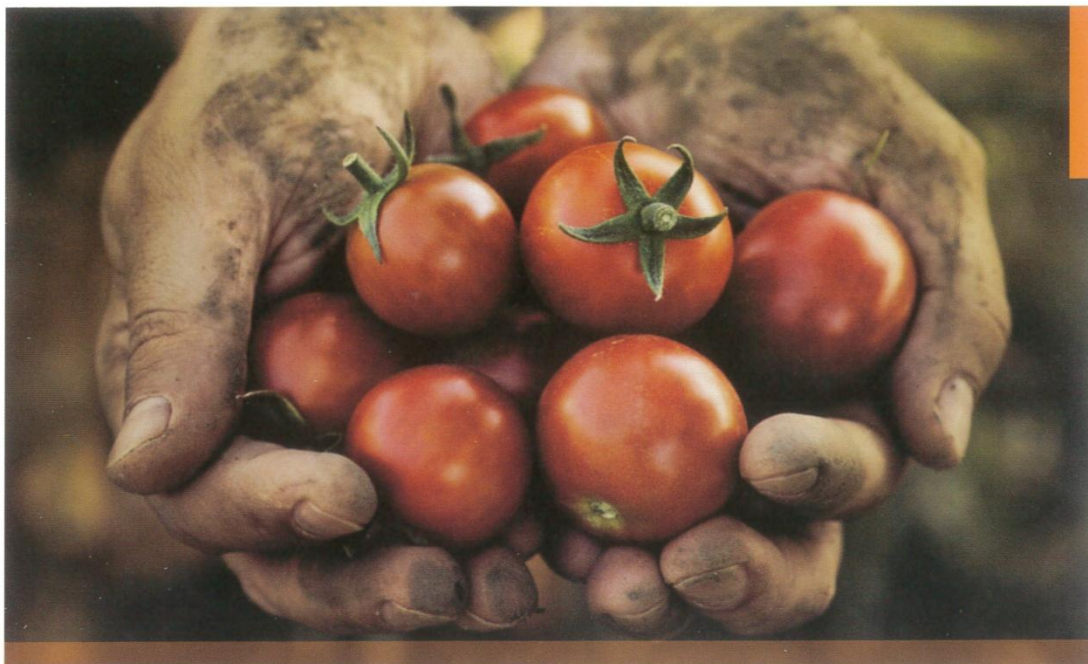
Spraying on the leaf spraying on the leaf: suitable for crops, especially to avoid chlorine crops, in lime soil and crop spraying on the leaf of high salt content of soil effect is better.

Fertigation: high purity, good solubility, which can effectively prevent the dropper system obstruction, especially suitable for irrigation.

Formula fertilizer raw material: is a source of fertilizer N, P, can be mixed with other elements such as K formula fertilizer.



N-P-K
11.8-61-0



DIAMMONIUM PHOSPHATE

◆Molecular formula: $(\text{NH}_4)_2\text{HPO}_4$

◆Standard executed: HG/T 4132-2010

◆Use :

Used as phosphorus, nitrogen high efficient compound fertilizer.

also used in fire retardant, fire-proofing agent, fire-proof agent additive for wood, paper, fabric, used in manufacturing late making, medicine and radio tube. Upper grade is mainly used as nutrient. It also can be used as food leavening agent, dough regular yeast food, brewing fermentation agent.

◆Function characteristics:

1. This product is a colorless, transparent crystal, the purity of more than 99%, excluding the chloride ion, completely water soluble, dissolved without residue or impurities, can be quickly absorbed by the plants used, can provide water soluble phosphorus and ammonium nitrogen for plants.
2. Do not contain any harmful material on crop, suitable for spraying on the leaf, drip irrigation, blunt.
3. It has good soil improvement effect, can buffer the soil PH change, stability of soil PH value, can promote crop growth, make its root system developed, thick thick green leaves, stem stout, improve the disease resistance and resistance. Promote the synthesis of auxin in plants and enhance the capacity of plant nitrogen fixation, high content of water soluble phosphorus help plants to strong resistance to low temperature, increase the rate of flower bud differentiation, the robust plants, developed root system so as to achieve the purpose of increase production.
4. Less dosage, the effect is obvious. Ammonium nitrogen and water soluble phosphorus continuously power as growth.



POTASSIUM NITRATE

- ◆Molecular formula: KNO_3
- ◆Formula weight: 101.1
- ◆Standard executed: GB/T 20784-2013
- ◆CAS Number: 7757-79-1
- ◆Product features:

Content of agricultural potassium nitrate fertilizer as 100% plant nutrients, high purity, full of nutrition, full absorption, instant available. High quality nitrogen, potassium, does not contain any impurities, high utilization, production of large, applied effect is generally 2 to 3 times of potash. It contains potassium nitrate nitrogen and total water soluble are both necessary for crop growth of a large number of elements, has the good coordination between function, can promote each other to be absorbed by the crops, and promote calcium, magnesium, sulfur, boron, zinc and other trace elements absorption use. In crops need fertilizer peak it can balance fast to crop nitrogen and potassium supplement large amounts of nutrients, promote crop growth, fruit enlargement and coloring, improving quality, early maturity, increase crop yield, plant senescence and increase crop drought resistance, cold resistance, salt resistance, resistance to lodging, dry-hot wind resistance, make the crops grow strong, resistant to diseases caused by high temperature, high humidity, inhibit the occurrence of various physiological diseases and various defoliate disease, strengthen the disease resistance, extend the freshness.

- ◆Packing and storage:

20 kg in plastic woven bags outside packing, or according to customer requirements.

☑ **【 N-P-K 13.5-0-46 】**

DIAMMONIUM PHOSPHATE ACID TYPE

◆Product features:

Diammonium phosphate acid type is shifang Kang Long chemical co., LTD. The latest strongly acidic water soluble fertilizer. Appearance is white crystalline powder, 65% of the total nutrient, 21% of nitrogen (N), phosphorus (P_2O_5) 44%. Is the company adopted the latest process of crystalline powder fertilizer, high purity, completely water soluble, nitrogen and phosphorus balance (N, P_2O_5 , K_2O 21-44-0) does not contain harmful material such as sodium chloride ions, heavy metals, especially suitable for the use of pollution-free agricultural products. Because of crystalline powder into the appearance, and total soluble in water, thus can fully contact with crops, are more likely to be absorbed.

◆Product advantage:

1, rapid water soluble: appearance is crystalline powder, faster completely dissolved in water, water solution clear transparent, does not block pipeline.

2, strong acid fat: PH below 3.0, can form acid soil area, has obvious improvement on saline soil, soil harden phenomenon be improved after using, and can gradually reduce the use of fertilizer consumption.

3, nutrient balance: high nitrogen phosphorus, fully meet the needs of plant growth cycle of nutrients.

4, containing the urine nitrogen: urinary nitrogen release slowly, longer than ordinary ammonium nitrogen protection and reduce the volatilization of nitrogen loss.

5, green security: do not contain harmful material such as sodium chloride ions, heavy metals, green environmental protection free from contamination.

◆Method of use:

usually with other water soluble nitrogen fertilizer (urea, ammonium nitrate) and potash (potassium nitrate) blended NPK fertilizer use, to provide balanced nutrition for crops.

◆Recommended dosage:

spraying on the leaf and water 500-1000 times, the entire 4 to 5 times (or reference crystal diammonium dosage used)

Drip: 5-10 kg per acre



KON
LON
CHEMICAL





UREA PHOSPHATE





☑ **【 N-P-K 17-44-0 】**

◆Product features:

1. Urea phosphate appearance is white granular crystal, easily soluble in water, insoluble in organic solvents.
2. Melting point is 117.3℃, aqueous solution is strongly acidic, 1% aqueous solution PH value of 1.89, thermal stability, thermal decomposition reaction.
3. The urea phosphate is a kind of high concentration of nitrogen and phosphorus compound fertilizer nutrients (total 61%), the acidic aqueous solution after dissolving, especially applicable to alkaline soil.
4. Its characteristics of plant early and mid application effect, is better than tradition such as urea, ammonium phosphate, potassium dihydrogen phosphate fertilizer.

◆Application of advice:

1. This product is blended with other water soluble nitrogen and potash use, the effect is much better.
2. Because of high phosphorus content in product and easy to be absorbed, so at the beginning of the crop production use, effect is better.
3. This product is weak alkaline, for acidic soil modification has certain coordinating role.
4. Using fertilization methods such as drip irrigation, foliar fertilizer, fertilizer effect is more apparent.
5. The formula fertilizer raw material: is a source of fertilizer N, P, can be mixed with other elements such as K formula fertilizer.

大量元素水溶肥

完全水溶 · 利用率高

WATER SOLUBLE FERTILIZER
COMPLETELY WATER SOLUBLE, HIGH UTILIZATION RATE

适用作物 | Applicable crops

蔬菜、果树、花卉、烟草、草坪等

使用方法 | Method of use

冲施、滴灌：3~5公斤/亩；叶面喷施：800~1000倍

高磷型 13-40-13+TE

营养成分 | Nutrients

N:13%

铵态氮($\text{NH}_4^+\text{-N}$):7.9%

硝态氮($\text{NO}_3^-\text{-N}$):3.7%

P_2O_5 :40%

螯合态 B+Fe+Zn+Mn+Cu+M:0.2%-0.3%

酰胺态氮:1.4%

K_2O :13%

超钾型 15-05-40+TE

营养成分 | Nutrients

N:15%

铵态氮($\text{NH}_4^+\text{-N}$):1.2%

硝态氮($\text{NO}_3^-\text{-N}$):13.8%

P_2O_5 :5%

螯合态 B+Fe+Zn+Mn+Cu+Mo:0.2%-0.3%

K_2O :40%

高钾型I 15-15-30+TE

营养成分 | Nutrients

N:15%

铵态氮($\text{NH}_4^+\text{-N}$):2.1%

硝态氮($\text{NO}_3^-\text{-N}$):6.0%

P_2O_5 :15%

螯合态 B+Fe+Zn+Mn+Cu+Mo:0.2%-0.3%

酰胺态氮:6.9%

K_2O :30%

均衡型 20-20-20+TE

营养成分 | Nutrients

N:20%

硝态氮($\text{NO}_3^-\text{-N}$):13.0%

酰胺态氮:7.0%

P_2O_5 :20%

螯合态 B+Fe+Zn+Mn+Cu+Mo:0.2%-0.3%

K_2O :20%

高钾型II 13-7-40+TE

营养成分 | Nutrients

N:13%

铵态氮($\text{NH}_4^+\text{-N}$):7.9%

硝态氮($\text{NO}_3^-\text{-N}$):3.7%

P_2O_5 :7%

螯合态 B+Fe+Zn+Mn+Cu+Mo:0.2%-0.3%

酰胺态氮:1.4%

K_2O :40%

高钾型III 12-8-40+TE

营养成分 | Nutrients

N:12%

铵态氮($\text{NH}_4^+\text{-N}$):6.9%

硝态氮($\text{NO}_3^-\text{-N}$):3.7%

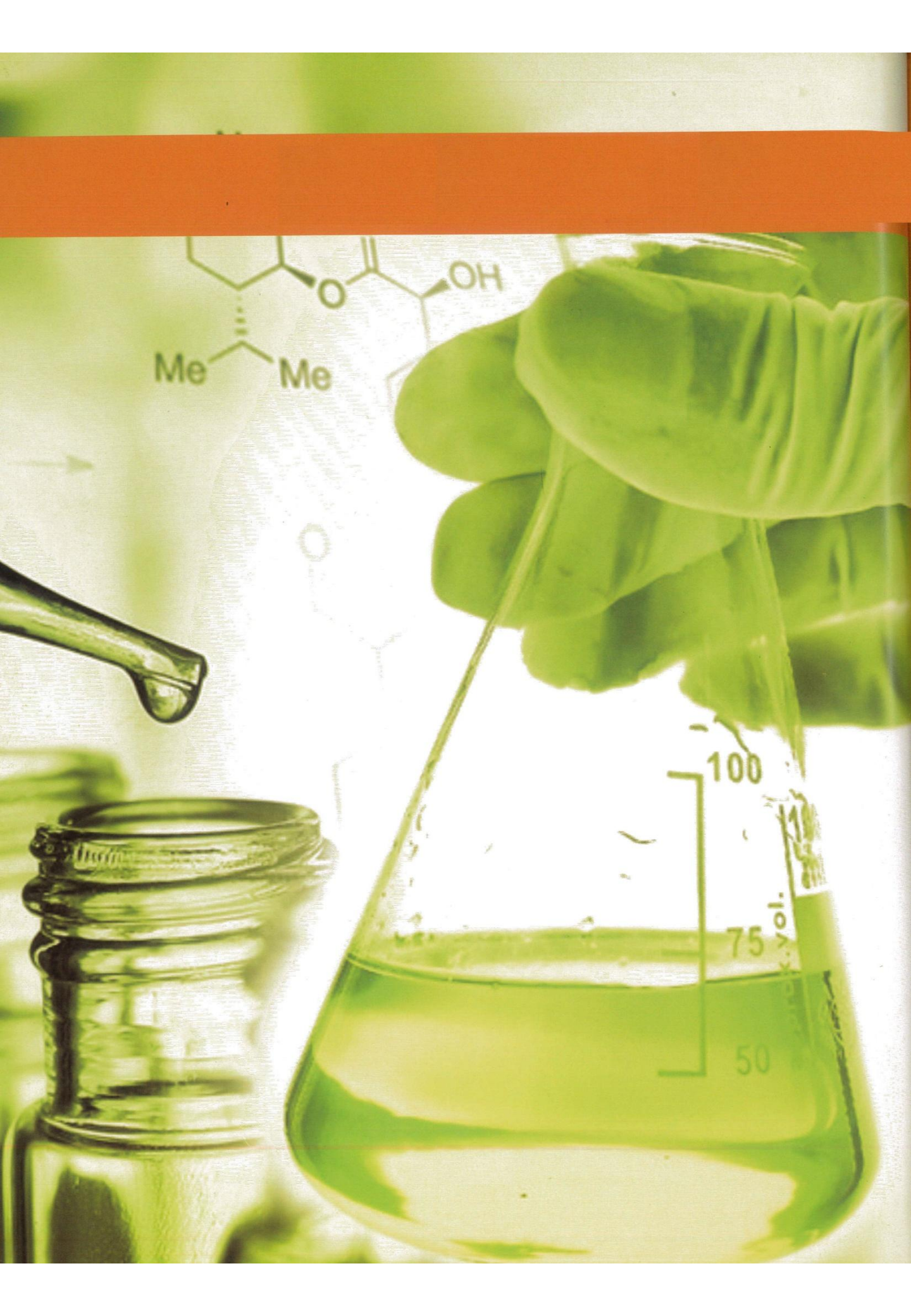
P_2O_5 :8%

螯合态 B+Fe+Zn+Mn+Cu+Mo:0.2%-0.3%

酰胺态氮:1.4%

K_2O :40%







INDUSTRY

工业类

MONO SUDIUM PHOSPHATE

◆Molecular formula: $\text{NaH}_2\text{PO}_4 \cdot n\text{H}_2\text{O}$ ($n=0,2$)

◆Standard executed: HG/T 2767-2009

◆CAS Number: 7758-80-7 (Anhydrous) , 13472-35-0 ($2\text{H}_2\text{O}$)

◆Properties:

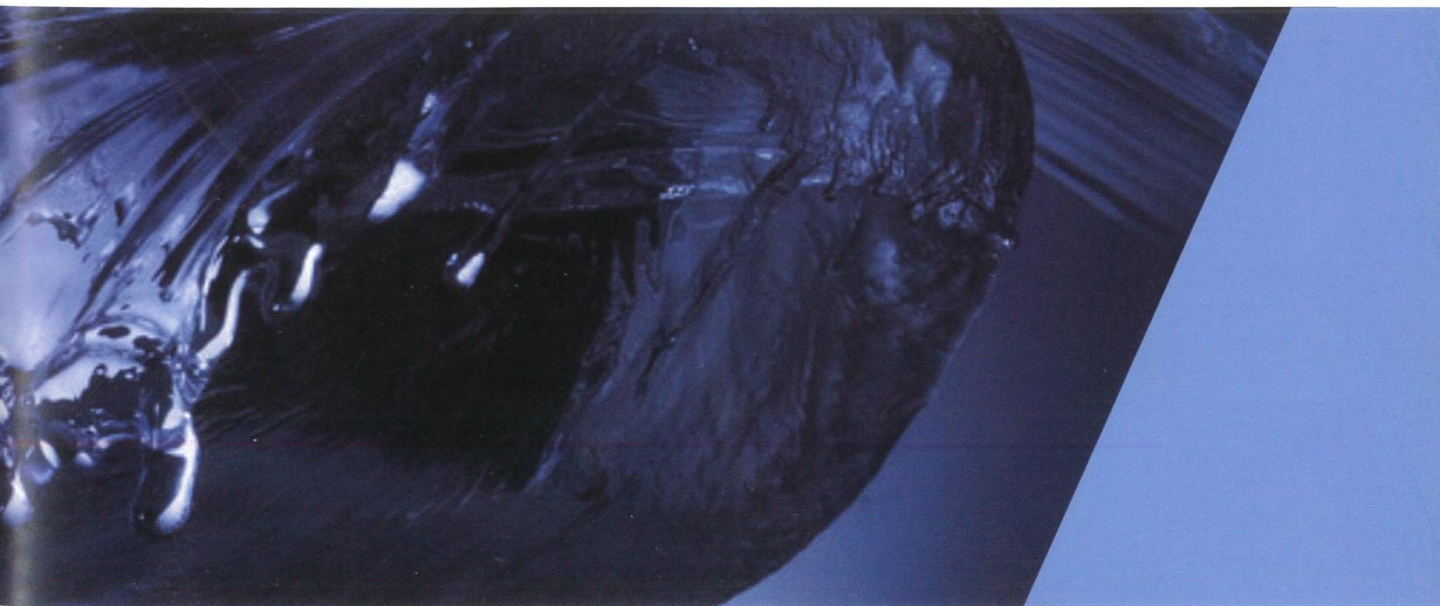
Anhydrous products is white powder, and melting point is at 190°C . Dihydrate products is colorless crystal, relative density at 1.915 g/cm^3 , melting point at 57.4°C . All easily soluble in water, but not in organic solution.

◆Uses:

Used for water treatment to boiler, also as buffering agent to acidity, detergent, cleaning agent, dyeing flux, for tanning and electroplating. For food additive it is mainly used as buffering agent, emulsification agent, nourishment, etc.

◆Guaranteed Technical Specifications:

Specifications	NaH ₂ PO ₄ (Anhydrous)		NaH ₂ PO ₄ · 2H ₂ O (Dehydrate)	
	Industrial Grade	Food Grade	Industrial Grade	Food Grade
Main contents % ≥	98	98	98	98
Phosphorus pentoxide % ≥	58.0	58.0	58.0	58.0
PH value of 1% solution	4.2-4.6	4.2-4.8	4.2-4.6	4.2-4.8
Water insoluble % ≤	0.1	0.1	0.1	0.1
Iron (Fe) % ≤	0.05	0.05	0.05	0.05
Sulfate, as SO ₄ % ≤	0.5	0.5	0.5	0.5
Arsenic (As) % ≤		0.0003		0.0003
Heavy metals (Pb) % ≤		0.001		0.001
Fluoride (F) % ≤		0.005		0.005
Dry decrement NaH ₂ PO ₄ % ≤		2.0		



DI-SODIUM PHOSPHATE



◆Molecular formula: $\text{Na}_2\text{HPO}_4 \cdot n\text{H}_2\text{O}$ ($n=0,12$)

◆Molecular weight: 358.0

◆Standard executed: HG/T2965-2009(Industrial Grade)

◆CAS Number: 7558-79-4 (Anhydrous) , 10039-32-4 ($12\text{H}_2\text{O}$)

◆Properties:

White or colorless crystalline free flowing solid, efflorescent in air, easily soluble in water, but insoluble in alcohol, its water solution is slightly alkaline, relative density at 1.52 g/cm^3 , melting point at 35°C

◆Uses:

Used as a fire-prevention agent for fabric, timber, and paper, also as water softening agent for boiler, food additive, buffering agent, solder, tanning agent

◆Packing and storage:

In 25kg, 50kg, 1000kg net bags, store at a cool ,dry and well ventilated place.

◆Guaranteed Technical Specifications:

Specifications	Na ₂ HPO ₄ (Anhydrous)		Na ₂ HPO ₄ .12H ₂ O (Dehydrate)	
	Industrial Grade	Food Grade	Industrial Grade	Food Grade
Main contents %≥	98.0	98.0	97.0	98.0
Phosphorus pentoxide,as P ₂ O ₅ %≥	49.0	49.0	19.3	49.0
PH of 1% water solution	8.5-10.0	8.5-10.0	8.8-9.2	8.8-9.2
Water insoluble %≤	0.10	0.7	0.7	0.25
Sulfate, as SO ₄ % ≤	0.10	0.10	0.05	0.10
Iron (Fe) % ≤	0.05		0.05	
Chloride(as Cl) % ≤	0.05		0.05	
Heavy metals (Pb)% ≤		0.001		0.001
Arsenic (As)% ≤		0.0003		0.0003
Fluoride (F)% ≤		0.005		0.005

TRI-SODIUM PHOSPHATE

- ◆ Chemical formula: $\text{Na}_3\text{HPO}_4 \cdot n\text{H}_2\text{O}$ ($n=0, 12$)
- ◆ Molecular weight: 380.12
- ◆ Standard executed: HG/T2517-2009
- ◆ CAS Number: 7601-54-9 (Anhydrous) 10101-89-0(12H₂O)
- ◆ Properties:

White or colorless crystals, efflorescent in air, easily soluble in water but not in organic solution. Its water solution is alkaline. PH value of 1% solution is 12.1, relative density at 1.62g/cm³, melting point is 73.4 °C.

◆ Application:

Used as a water softening agent, cleaning agent in electroplating, color fixer in fabric dyeing and flux in enamel ware manufacturing and so on.

◆ Packing and storage:

In 25kg, 50kg, 1000kg net bags, store at a cool, dry and well ventilated place.

◆ Guaranteed Technical Specifications:

Specifications	Na ₃ PO ₄ (Anhydrous)		Na ₃ PO ₄ ·12H ₂ O (Dehydrate)	
	Industrial Grade	Food Grade	Industrial Grade	Food Grade
Main contents % ≥	98.0	98.0	98.0	98.0
Phosphorus pentoxide (P ₂ O ₅) % ≥	42	42	18.3	18.3
Sulfate % ≤	0.5	0.5	0.5	0.5
Water insolubles % ≤	0.10	0.10	0.05	0.10
Aqueous solution PH value (1%)	11.5-12.5	11.5-12.5	11.5-12.5	11.5-12.5
Heavy metals (Pb) % ≤		0.001		0.001
Arsenic (As) % ≤		0.0003		0.0003
Fluoride (F) % ≤		0.005		0.005





◆Guaranteed Technical Specifications:

Specifications		Industrial Grade	Food Grade
Main contents	% ≥	99.0	99.0
P ₂ O ₅	% ≥	51.5	51.5
Potassium oxide (K ₂ O)	% ≥	34.0	34.0
PH value of 1% solution		4.3-4.7	4.3-4.7
Moisture	% ≤	0.5	0.5
Heavy metal, as Pb	% ≤		0.001
Arsenic, as As	% ≤		0.0003
Fluoride as F	% ≤		0.005
Water insoluble	% ≤	0.10	0.10

MONO POTASSIUM PHOSPHATE

◆Molecular formula: KH₂PO₄

◆Molecular weight: 136.09

◆Standard executed: HG2321-1992 (technical grade)

◆CAS Number: 7778-77-0

◆Properties:

White or colorless crystal, easily soluble in water, relative density at 2.338 g/cm³, melting point at 252.6℃ , and PH value of 1% solution is 4.5.

◆Uses:

Used to manufacture metaphosphate in medical or food industry. Used as a high effective K and P compound fertilizer. It contains totally 86% fertilizer elements, used as a basic raw material for N, P and K compound fertilizer.

◆Packing and storage:

In 25kg, 50kg, 1000kg net bags, store at a cool, dry and well ventilated place.

SODIUM HEXAMETA PHOSPHATE

◆Chemical formula : $(\text{NaPO}_3)_6$

◆Molecular weight: 611.82

◆Standard executed: HG/T 2519-2007 (technical grade) GB1890-2005(food grade)

◆CAS Number: 10124-56-8 (8012-14-4)

◆Properties:

White powder; Density 2.484g/cm³(20℃); soluble in water but insoluble in organic solvent; It has got strong hygroscopic and can absorb humidity from the air to become into pasty form; It may form soluble chalets with ions of Ca, Ba, Mg, Cu, Fe etc. and is a good water treatment chemical.

◆Uses:

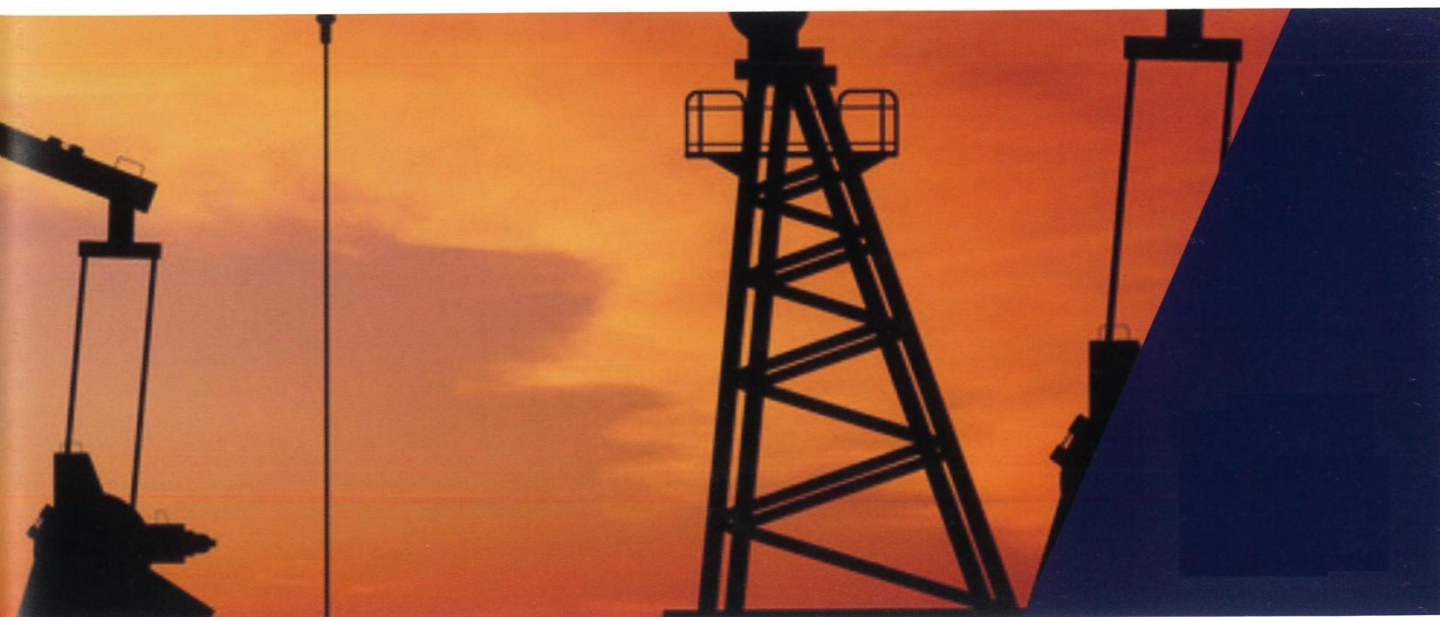
Used in industries of oil fields, paper production, textile, dyeing, petroleum, chemistry, metallurgy and construction materials etc. as water softener, flotation selecting agent, disperser and high temperature adhesive; In food industry it used as an additive, nourishing agent, quality improver, pH regulator, metal ions chelating agent, adhesive and leavening agent etc.

◆Packing and storage:

In 25kg,50kg,1000kg net bage,store at a cool, dry and well ventilated place.

◆Guaranteed Technical Specifications:

Specifications	Industrial Grade	Food Grade
Total phosphates (as P_2O_5)% \geq	68	68
Inactive Phosphates (as P_2O_5)% \leq	7.5	7.5
Iron (Fe) % \leq	0.03	0.05
PH Value	5.8-7.0	5.8-6.5
Solubility	pass	pass
Heavy Metals (as Pb) % \leq		0.001
Arsenic (As)% \leq		0.0003
Fluoride (as F) % \leq		0.003
Water Insoluble matter % \leq	0.04	0.05
Polymerization (60-80mesh)	9-21	9-21



MONO AMMONIUM PHOSPHATE



- ◆ Molecular formula: $\text{NH}_4\text{H}_2\text{PO}_4$
- ◆ Molecular weight: 115.0
- ◆ Standard executed: HG/T 4133-2010 (technical grade)
- ◆ CAS Number : 7722-76-1

◆ Properties: White granular crystal; relative density at 1.803, melting point at 190 , easily soluble in water, slightly soluble in alcohol, insoluble in ketone, PH value of 1% solution is 4.5.

◆ Uses:

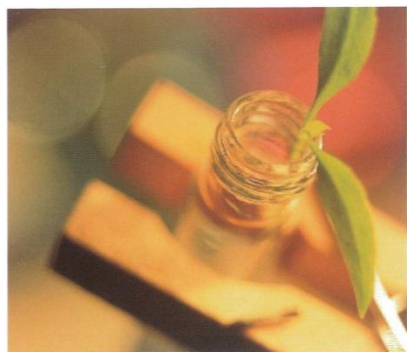
As a fire-prevention agent for fabric, timber and paper, as well as a fire-prevention coating, and dry powder for fire extinguisher. For food grade it is mainly used as a fermentation agent, nourishment, and so on. Used as a high effective non-chloride N, P compound fertilizer in agriculture. Its total nourishment ($\text{N}+\text{P}_2\text{O}_5$) is at 73%, and may be used as a basic raw material for N, P and K compound fertilizer.

◆ Packing and storage:

In 25kg, 50kg, 1000kg net bage, store at a cool, dry and well ventilated place. In 25kg, 50kg, 1000kg net bage, store at a cool, dry and well ventilated place.

◆ Guaranteed Technical Specifications:

Specifications	Industrial Grade	Food Grade
Main contents% \geq	98.5	98.5
Phosphorus pentoxide% \geq	60.8	60.8
Nitrogen, as N % \geq	11.8	11.8
PH of 1% water solution	4.2-4.8	4.2-4.8
Moisture% \leq	0.5	0.5
Heavy metals, as Pb % \leq		0.001
Arsenic, as As % \leq		0.0003
Fluoride as F % \leq		0.005
Water insoluble % \leq	0.10	0.10





DAP

磷酸氢二铵

◆Molecular formula: $(\text{NH}_4)_2\text{HPO}_4$

◆Molecular weight: 132.06

◆Standard executed: HG/T 4132-2010(technical grade)

◆CAS Number: 7783-28-0

◆Properties:

White granular crystal, relative density at 1.619g/cm³, melting point at 155 °C, easily soluble in water, insoluble in alcohol, PH value of 1% solution is 8.0

◆Uses:

As a fire-prevention agent for fabric, timber and paper. For food grade it is mainly used as a fermentation agent, nourishment, and so on. Used as a high effective non-chloride N, P compound fertilizer in agriculture. It contains totally 74% fertilizer elements, used as a basic raw material for N, P and K compound fertilizer.

◆Packing and storage:

In 25kg, 50kg, 1000kg net bags, store at a cool, dry and well ventilated place.



DI-AMMONIUM PHOSPHATE



◆Guaranteed Technical Specifications:

Specifications	Industrial Grade	Food Grade
Main content% \geq	98.0	98.0
Phosphorus pentoxide% \geq	53.0	53.0
Nitrogen, as N % \geq	20.8	20.8
PH value of 1% solution	7.8-8.2	7.8-8.2
Moisture % \leq	0.3	0.3
Heavy metals, as Pb % \leq		0.001
Arsenic, as As% \leq		0.0003
Fluoride as F% \leq		0.005
Water insoluble % \leq	0.10	0.10

UREA PHOSPHATE

◆ Molecular formula: $\text{H}_3\text{PO}_4 \cdot \text{CO}(\text{NH}_2)_2$

◆ Standard executed: GB/T 27805-2011 (technical grade)

◆ CAS Number: 4861-19-2

◆ Properties: White crystal, easily soluble in water, but not in organic solution; melting point at 117.3°C , its water solution is strongly acidic, PH value of 1% solution is 1.89, It has got bad heat stability and easily decomposed when heated.

◆ Uses: Mainly used as a high quality feed additive, a high quality acid N, P compound fertilizer with ureic nitrogen. It is suitable for alkaline soil, also used fire retardant agent, finishing agent for metal, fermentation nourishment, cleaning agent and flux for purifying phosphoric acid.

◆ Packing and storage:

In 25kg, 50kg, 1000kg net bags, store at a cool, dry and well ventilated place.



◆ Guaranteed Technical Specifications:

Specifications	Industrial Grade	Food Grade
Main contents(as $\text{H}_3\text{PO}_4 \cdot \text{CO}(\text{NH}_2)_2$) % \geq	98.00	98.0
Phosphorus pentoxide(as P_2O_5) % \geq	44.00	44.0
Nitrogen(as N) % \geq	17.00	17.0
PH	1.6-2.4	1.6-2.4
Loss on ignition % \leq	0.50	0.50
Fluoride (F) % \leq	0.05	0.005
Arsenic (As) % \leq	0.01	0.0003
Heavy metals (Pb) % \leq	0.003	0.001
Water insoluble % \leq	0.10	0.10



SODIUM TRIPOLY PHOSPHATE

◆ Execution standard: GB/T 9983-2004

◆ CAS Number: 7758-29-4

◆ USES:

used as the main synthetic detergent additives, soap synergist, tanning agent of whatever, industrial water softener; Paint, old earth, magnesium oxide, calcium carbonate mud slurry treatment effective powder; The paper used for oil remover.

◆ Packaging:

liner polyethylene plastic bags, jackets composite plastic woven bag, bag of 25, 50 kg net each. Should be stored in ventilated warehouse, prevent drench of be affected with damp be affected with damp such as drying, when handling light light put, prevent the plastic bag breakage, and toxic substances are stored separately, expiration period for 540 days.

◆ Guaranteed Technical Specifications:

Specifications	Excellent product	First-class product
Whiteness % \geq	90	85
Phosphorus pentoxide (P_2O_5) % \geq	57.0	56.5
Sodium tripolyphosphate ($Na_5P_3O_{10}$) % \geq	96.0	94.0
Iron % \leq	0.007	0.015
Water insolubles % \leq	0.10	0.10
PH (1% solution)	9.2-10.0	



DI-POTASSIUM PHOSPHATE

- ◆Molecular formula: $K_2HPO_4 \cdot nH_2O$ (n= 0,3)
- ◆Molecular weight: 228.22 (n=3) 174.17 (n=0)
- ◆CAS Number :7758-11-4(Anhydrous) 16788-57-1(3H₂O)
- ◆Properties:

White powder or crystal powder,easily soluble in water,slightly soluble in alcohol.Strong absorption of moisture.When anhydrous product heated to 204℃.It will be dehydrated into tetra potassium pyrophosphate.

◆Uses:

Used in medicine and ferment industry , animalcule , Bacteria culture medium , PH buffering agents. The raw material for producing potassium pyrophosphate . Buffering agent for processing foods. Stabilizer for non-dairy coffee creamers.

◆Packing and Storage:

In 25kg,50kg,1000kg net bag,store at a cool,dry and well ventilated place.

◆Guaranteed Technical Specifications:

Specifications	K ₂ HPO ₄ (Anhydrous)	K ₂ HPO ₄ ·3H ₂ O (Dehydrate)	Food Grade
	Industrial Grade	Industrial Grade	
Main contents % ≥	98.0	97.0	98.0
Phosphorus pentoxide P ₂ O ₅ % ≥	40.0	30.5	30.5
K ₂ O % ≥	52.0	40.5	40.5
PH value	8.7-9.3	8.4-9.2	8.4-9.2
Water insoluble % ≤	0.1	0.1	0.10
moisture% ≤			3.0
Heavy metals (Pb)% ≤			0.001
Arsenic (As)% ≤			0.0003
Fluoride (F)% ≤			0.003

产品包装展示

【农化类】

PRODUCT PACKAGING SHOW

AGRICULTURAL

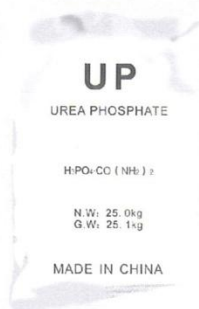
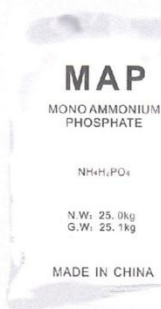


产品包装展示

【工业类】

PRODUCT PACKAGING SHOW

INDUSTRY



**KON
LON
CHEMICAL**



