



SERVICES



Import & Export

We are able to handle import and export of high value added products and techniques.



Sourcing

We can help you to find origin factory from China.



Factory Inspection

We could inspect the factory and vendor on behalf of you.



Business Negotiation

We offer business negotiation service.

COMPANY PROFILE

Weihai Wanze, the sales subsidiary of chemical manufacturer based in China. Our mother company has been making sodium monofluorophosphate (Cas no. 10163-15-2) for since 1995.

The chemical is the ingredient of pesticide fungicide, as well as the toothpaste anti moth active ingredient.

The big brands we supplying are including Colgate Palmolive, Procter & Gamble, and Unilever.

As a sales specialized subsidiary, we're focus on helping clients by services , such as scouring, inspection, import & export of all kinds of chemicals to meet their particular demands.



PRODUCTS

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Sodium Monofluorophosphate **Cas No.10163-15-2**
Toothpaste Grade

Features and Advantages

- High purity
- Low toxicity
- Low heavy metal
- High stability

Indexes

Appearance	White powder	Purity	≥ 95%
PH	6.5 - 8	Total Fluoride	≥ 13.00%
Free Fluoride	≤ 0.68%	Combined Fluoride	≥ 12.54%
Drying Loss	≤ 0.2%	Water Insoluble Matter	≤ 0.15%
Heavy Metals	≤ 20ppm	Pb	≤ 2ppm
As	≤ 2ppm		

Typical Application

- Toothpaste anti-caries agent
- Toothpaste desensitization agent
- Medicine
- Chemical additive

Sodium Monofluorophosphate **Cas No.10163-15-2**
Industrial Grade

Features and Advantages

- Low cost
- High efficiency
- High dispersion
- Antibacterial property

Indexes

Purity	≥ 91.7%	PH	5 - 8
Total Fluoride	≥ 12.70%	Free Fluoride	≤ 1.20%
Combined Fluoride	≥ 12.10%	Drying Loss	≤ 0.50%
Water Insoluble Matter	≤ 0.50%		

Typical Application

- Concrete corrosion inhibitor
- Pesticide fungicide
- Metal cleaner
- Antiseptic

Sodium Monofluorophosphate **Cas No.10163-15-2**
High purity Grade

Features and Advantages

- Ultra low impurity
- High specific surface area
- High purity

Indexes

Appearance	White powder	Purity	≥ 95%
PH	6.5 - 8	Total Fluoride	≥ 13.00%
Free Fluoride	≤ 0.68%	Combined Fluoride	≥ 12.54%
Drying Loss	≤ 0.2%	Water Insoluble Matter	≤ 0.01%
Heavy Metals	≤ 20ppm	Pb	≤ 2ppm
As	≤ 2ppm	Cl ⁻ / SO ₄ ²⁻	≤ 0.01%/≤ 0.01%

Typical Application

- Fine chemical industry
- Medicine
- Laboratory reagent

Sodium Fluoride
Toothpaste Grade

Cas No.7681-49-4

Features and Advantages

- High purity
- Food toothpaste grade
- Low heavy metal

Indexes

Appearance	White powder	Assay	≥ 98%
Acidity	≤ 10	Basicity	≤ 2.5
Chloride	≤ 0.01%	Sulfate	≤ 0.02%
Drying Loss	≤ 0.5%	Water Insoluble Matter	≤ 0.05%
Heavy Metals	≤ 10ppm	Cesium hexafluoro silicate	≤ 0.35%
As	≤ 2ppm	Fe	≤ 0.005%

Typical Application

- Oral care
- Fine chemical industry
- Pesticide fungicide

Sodium Fluoride
High purity Grade

Cas No.7681-49-4

Features and Advantages

- Very high purity
- Low water insoluble matter
- Low heavy metal

Indexes

Appearance	White powder	Assay	≥ 99%
Acidity	≤ 2.5	Basicity	≤ 1.0
Chloride	≤ 0.002%	Sulfate	≤ 0.01%
Drying Loss	≤ 0.3%	Water Insoluble Matter	≤ 0.01%
Heavy Metals	≤ 10ppm	Cesium hexafluoro silicate	≤ 0.1%
Fe	≤ 0.002%		

Typical Application

- Chemical reagent
- Fine chemical industry
- Medicine

Sodium Metasilicate Pentahydrate Cas No.13517-24-3

Industrial Grade

Features and Advantages

- High dispersion
- Strong decontamination ability
- Good adhesion

Indexes

Premium grade			
Appearance	White powder	Na ₂ O	≥ 28.5
SiO ₂	≥ 27.8	Water Insoluble Matter	≤ 0.05
Fe	≤ 0.01%	Whiteness	80
First rate grade			
Appearance	White powder	Na ₂ O	≥ 28.0
SiO ₂	≥ 27.3	Water Insoluble Matter	≤ 0.10
Fe	≤ 0.02%	Whiteness	75

Typical Application

- Oral care
- Fine chemical industry
- Pesticide fungicide

Sodium Bicarbonate
High purity Grade

Cas No.144-55-8

Features and Advantages

- Ultralow chloride
- Granular crysta
- High purity

Indexes

Appearance	White powder	Assay	≥ 99.5%
PH	≤ 8.6	Chloride	≤ 0.001%
Sulfate	≤ 0.002%	Total nitrogen	≤ 0.0005%
Heavy Metals	≤ 0.0005%	Water Insoluble Matter	≤ 0.005%
Restore iodine substance	≤ 0.0065%	Phosphates and silicates	≤ 0.002%
Mg	≤ 0.002%	K	≤ 0.005%
Ca	≤ 0.005%	Fe	≤ 0.0005%

Typical Application

- Food
- Medicine
- Chemical reagent

Sodium Tripolyphosphate **Cas No. 7758-29-4**
Food Grade

Features and Advantages

- Low sulfate
- High purity
- Calcium integration value, CaV (Ca^{2+} is 10.87g-12g/100g)
- Suitable production process

Indexes

Appearance	White powder	Purity	>96.5%
PH	9.2-10.0	P_2O_5	57.0%
As	<0.0002%	Water Insoluble Matter	<0.02%
Pb	<0.001%	F	<0.003%
Cl	<0.02%	Sulfate	<0.3%
Whiteness	90		

Typical Application

- Food
- Beverage
- Fine chemical

Calcium Hydrogen Phosphate Food Grade

Cas No. 7757-93-9

Features and Advantages

- High safety
- Multifunctionality
- Stability

Indexes

Appearance	White powder	$\text{CaHPO}_4 \cdot \text{H}_2\text{O}_2$	98.0-103.0%
PH	$\leq 9.0\%$	Scorch loss	24.5-26.5%
Heavy Metals	$\leq 0.001\%$	As	$\leq 0.0002\%$
F	$\leq 0.005\%$	Hydrochloric acid insoluble substance	$\leq 0.005\%$

Typical Application

- Fortifier and bulking agent
- Quality Improver
- Feed additives

Sodium Hexametaphosphate Cas No. 10124-56-8**Food Grade****Features and Advantages**

- Low sulfate
- No organic component
- Maintain fat disperse in meat
- Improve the solubility of proteins

Indexes

Appearance	Colorless transparent lumps or flakes	Total phosphate	>68.5%
PH	5.8-6.5	Inactive phosphate	<7%
As	<0.0002%	F	<0.003%
Pb	≤0.001%		

Typical Application

It can be used as quality improver, PH regulator, metal ion chelating agent, binder and swelling agent in food industry.

- Stabilize the natural pigment in beans, fruits and vegetables cannings.
- Emulsify the fat in meat canning.
- Prevent the fat in meat from deteriorating.
- Clarify the liquor in beer.
- Can also be used as a softener for water.

Sodium Trimetaphosphate
Food Grade

Cas No. 7785-84-4

Features and Advantages

High P_2O_5 content

Can be used to produce sodium hexametaphosphate with a high P_2O_5

Indexes

Appearance	White powder	Phosphorus pentoxide	>69.2%
PH	9.9-10.7	Water Insoluble Matter	<0.12%
As	$\leq 0.0002\%$	Heavy Metals	<0.001%
F	$\leq 0.003\%$		

Typical Application

Starch modifier

Anti-mixing agent for juice drinks

Water retention for meat Products

Binding agent

Dispersant

Stabilizer

Disodium Hydrogen Phosphate Cas No. 7558-79-4
Food Grade

Features and Advantages

- Strong buffering effect
- Highly efficient PH regulator
- Highly efficient PH stabilizer
- Improve food taste

Indexes

Appearance	White powder	Purity	>98.5%
PH	8.2~8.6	Water insoluble matter	<0.12%
As	<0.0002%	F	<0.003%
Pb	<0.001%	Drying loss	<2.5%

Typical Application

- Food
- Medicine
- Industry
- Scientific research

Disodium Pyrophosphate
Food Grade

Cas No. 7758-16-9

Features and Advantages

- High purity
- Stable performance
- Neutralization degree can be controlled at about 72-80
- Reaction rate is customized

Indexes

Appearance	White powder	Purity	> 97.0%
PH	3.5~4.5	Water Insoluble Matter	<0.07%
As	< 0.0002%	Heavy Metals	<0.001%
F	< 0.003%		

Typical Application

- Rapid fermentation agent and quality improver in food processing
- Can control the fermentation speed In the barbecue food
- Extend the storage time for cookies
- Reduce the crushing rate of cookies and cakes
- Chelating in aquatic products processing and frozen food

Sodium Pyrophosphate
Food Grade

Cas No. 7722-88-5

Features and Advantages

- Selected raw materials
- Stable purity
- Outstanding effect

Indexes

Appearance	Colorless monoclinic crystal/White powder	Purity	> 97.2%
PH	9.9-10.7	Orthophosphate	Passed test
As	<0.0002%	F	<0.003%
Pb	<0.001%	Scorch loss	<0.5%

Typical Application

- Increase the PH and enhance the water holding capacity of meat.
- Enhance pasta processing performance and quality.
- Quality improvement agent for canned food, fbeverage, and dairy products.
- Avoid the discoloration of fruit after it is processed.
- Cleaning liquid for eggs.
- Emulsifier for cheese.
- Additive for soy sauce and soymilk.

Sodium Dihydrogen Phosphate **Cas No. 7558-80-7**
Food Grade

Features and Advantages

- Strong buffering effect
- High efficient PH regulators and PH stabilizers
- Make the food more tasty

Indexes

Appearance	White powder	Purity	>98.5%
PH	4.2~4.6	Water Insoluble Matter	<0.12%
As	< 0.0002%	Heavy Metals	<0.001%
F	< 0.003%	Drying loss	<1.5%

Typical Application

- Emulsifier
- Nutritional enhancer
- Quality improver
- Buffering agent
- Loosening agent

Trisodium Phosphate
Food Grade

Cas No. 7601-54-9

Features and Advantages

- Strong buffering
- PH value can be stabilized at different levels
- High efficient

Indexes

Appearance	White powder	Purity	>98.0%
PH	11.5~12.0	Water Insoluble Matter	<0.12%
As	<0.0002%	F	<0.003%
Pb	<0.001%	Scorch loss	<1.5%

Typical Application

- Acidity regulator, quality improver, and nutritional enhancer in meat products.
- Flocculant in fermentation process.
- Buffering agent in jelly

MAKE THE SOURCING EASY



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