KING PRIME GLOBAL PROCUREMENT TRADING LLC

كينغ برايم جلوبال بروكيورمنت للتجارة ش.ذ.م.م

PRODUCT CATALOG

Company Profile

Founded in 2019, King Prime Global Procurement Trading LLC is a professional manufacturer of fine inorganic chemicals, such as Cobalt Salts, Nickel Salts, Inorganic Fluoride Salts and some other special chemicals including customized products.

Our strong products are as follows,
Cobalt Salts :Cobalt Oxide, Cobalt Hydroxide, Cobalt Acetate, Cobalt Carbonate, Cobalt Nitrate, Cobalt Sulfate, Cobalt Chloride etc.
Nickel Salts :Nickel Acetate, Nickel Fluoride, Nickel Carbonate, Nickel Oxide, Nickel Nitrate, Nickel Sulfamate etc.
Fluoride Salts: Barium Fluoride, Strontium Fluoride, Magnesium Fluoride, Lithium Fluride, Fluorozirconic Acid, Fluorosilicic Acid, Fluoroboric Acid, Sodium Bifluo ride, Magnesium Silicofluoride, Potassium Silicofluoride
Other Products: Ferric Ammonium Oxalate, Ferric Sodium Oxalate, Barium Titanate, Lithium Nitrate, Cadmium Oxide etc.

We are selling our products to USA, Australia, Korea, Japan, Spain, Italy, Russia, Middle East etc., all the customers are very satisfied with the quality and service. Our business principle is: Quality, Credit, Fairness and Win-win. We always try what we can to keep providing best quality & best service to our customers & friends from all over the world.

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Cobalt Hydroxide

Formula: $Co(OH)_2$:
CAS No.: 21041-93-0
M.W., 92.94
Properties: it is a kind of light pink powder, specific gravity 3.597, soluble in acid and ammonium salt solution, insoluble in Water and alkali. It reacts with organic acids to form cobalt soap.
Specification:

Co	6l-62%min
Fe	0.005%max
Ni	0.005%max
Zn	0.005%max
Mn	0.005%max
Cu	0.005%max
Pb	0.005%max

Application: Raw materials for cobalt salt manufacture, drier agent of paint and varnish, as well as catalyst for hydrogen peroxide decomposition.
Storage: Store at a ventilating and dry place, prevent damp and rain.
Packing: 25kg net bags with double PE inners.

Cobalt Oxide

Product Name: Cobalt Oxide
Properties: A kind of odorless. insipid and black powder; insoluble in water, but soluble in hot in-organic acids.
Specification:

Co	72%min
Ni	0.03%max
Fe	0.1%max
Zn	0.01%max
Cu	0.01%max
Mn	0.01%max
Pb	0.005%max
Ca	0.15%max
Mg	0.1%max

Size (through 325 mesh) 98%min
Application: It is mainly used in horniness alloy, enamel coloring and ceramics pigment.
Storage: Store al a ventilating and dry place, prevent rain.
Packing: 25kg drums

Cobalt Sulfate

Formula: $CoSO.7H_2O$
CAS No.: 10026-24-1
M.W.: 281.10
Properties: Brown yellow or red crystal, density: 1.948g/cm^3 , melting point:96.8°C, freely soluble in water and methanol, slightly soluble in ethanol. It rime into anhydrous compound at 420°C
Specification:

Co	2I%min	Ni	0.002%max
Fe	0.002%max	Cu	0.002%max
Zn	0.002%max	Pb	0.002%max
Mn	0.002%max	As	0.002%max
Ca	0.002%max	Mg	0.002%max
Na	0.002%max	Water Insoluble matter	0.02%max

Application: Used as paint drier in coating industry, glaze for painted china in ceramic industry, additives for alkaline battery and lithopone in the battery industry. Also used in producing pigment containing cobalt and material for cobalt salt. Besides, it is also used in electroplating, catalyzed, additive for feedingstuff, analyzing reagent.
Storage: Store in a dry place. Avoid heating and damp
Packing: 25kg net bags

Cobalt Sulfate

Formula: $CoSO, H_2O$
CAS No.: 13455-34-0
N.W.:173
Properties: It is a pink powder, soluble in water.
Specification:

Index	
Co	33%min
Ni	0.002%max
Pb	0.002%max
As	0.002%max
Cd	0.002%max
Hg	0.002%max

Application: for feed and coating industries.
Storage: Store at dry place Avoid hearting and damp.
Packing: net 25kg bags or drums

Cobalt Tetroxide

Product Name: Cobalt Tetroxide
Properties: A kind of odorless, insipid and black powder; insoluble in water, but soluble in hot in organic acids.
Specification:

Co	73%min	73%min
Ni	0.03%max	0.03%max
Fe	0.1%max	0.01%max
Zn	0.01%max	0.005%max
Cu	0.01%max	0.005%max
Mn	0.01%max	0.005%max
Pb	0.005%max	0.005%max
Ca	0.15%max	0.005%max
Mg	0.1%max	0.005%max
Size (through 325 mesh)	98%min	98%min

Application: It is mainly used in horniness alloy, enamel coloring and ceramics pigment.
Storage: Store at a ventilating and dry place, prevent rain.
Packing: 25kg drums.

Cobalt Acetate

Formula: $Co(CH_3,COO)_2{\cdot}4H_2O$
CAS No.: 6147-53-1
M.W.: 249.08
Properties: It is a magenta crystal, soluble in water, acid and ethanol. Its specific gravity is 1.043 and melting point is 140°C
Specification:

Co	23.5%min
Fe	0.001%max
Cl	0.0025%max
SO_4	0.005%max
Pb	0.002%max
Cu	0.0005%max
Water insoluble matter	0.01%max

Application: Catalysts for PET/PTA manufacturing, drying agent and printing and drying agent, accelerant of toughened glass and invisible ink.
Storage: Store at a dry place. Prevent exposure to the sun.
Packing: 25kg net, Paper/PE complex bags with double PE inners

Cobalt Carbonate

Formula: $CoCO_3$
CAS No.: 513-79-1
M.W.: 118.94
Properties: Pink powders, soluble in inorganic acid and liquid ammonia, insoluble in cool water, and decompose in hot water.
Specification:

Co	46%min	Pb	0.003%max
Cu	0.003%max	Zn	0.003%max
Na	0.003%max	Ni	0.003%max
Mg	0.003%max	Ca	0.003%max
Mn	0.003%max	Fe	0.003%max

Application: Making other cobalt salts, cobalt dyestuff, porcelain coloring and chemical reagent, used as drier agent in dope and painting industry and used in feed industries etc.
Storage: Store at a ventilating and dry place, prevent heat and damp. Do not store with acids and liquid ammonia together.
Packing: 25kg net bag

Cobalt Chloride

Formula: $CoCl_2.6H_2O$
CAS No.: 7791-13-I
M.W.: 237.93
Properties: Pink or mauve crystal belonging to monoclinic system, density: 1.924g/cm3, melting point: 86°C, stable under room temperature. It turns blue when heated and turns red in the moist air by cooling. Freely soluble in water, alcohol, aether, acetone and glycerin. It changes into anhydride (blue power) when the crystal water is lost.
Specification:

Co	24.0%min	Fe	0.002%max
Ni	0.002%max	Zn	0.002%max
Ca	0.002%max	Cu	0.002%max
Mn	0.002%max	Mg	0.002%max
Na	0.002%max	Water insolybe matter	0.02%max

Application: Used in producing barometrograph, gravimeter in instruments manufacturing indutries, paint drier in coating industry, gas defense mask in national defence industry, sympathetic ink, cobalt chloride test paper, allochroic silicagel and nitrogen absorbent. Collocated the feedstuff in stockbreeding, and the material of medicament.
Storage: Store in a cool, ventilating place. Prevent package from breaking deliquescing
Packing: 25kg net, Paper/PE complex bags with double PE inners

Cobalt Nitrate

Formula: $Co(NO_3)_2 \cdot 6H_2O$
CAS No.: 10026-22-9
M.W., 291.04
Properties: Red monoclinic crystal columnar crystal, density:1.87g/cm^3. freely soluble in water, ethanol, acetone and methyl acetate, slightly soluble in ammonia water.
Specification:

Cobalt Nitare	98%min	Cu	0.003%max
Fe	0.005%max	Zn	0.003%max
Mn	0.005%max	Ni	0.003%max
Pb	0.005%max	SO_4	0.003%max
Cl	0.01%max	H_2O Insolubles	0.003%max

Application: Mainly used as catalyzer material in chemical industry, antitoxic for cyanide, reagent for antitoxic, colorant in ceramic industry and material for paint drier.
Storage: Store in a cool, ventilating place. Prevent package from breaking and deliquescing
Packing: 25kg net, Paper/PE complex bags with double PE inners.

Barium Fluoride

Formula: BaF_2
CAS NO.:7787-32-8
M.W: 175.32
Properties: White cubic crystal; relative density:4.83; melting point: 1354?; soluble in hydrochloric acid, nitric acid, acetic acid and hydrofluoric acid and slightly in water
Specification:

Barium Fluoride	98%min	Free Acid(HF)	0.02%max
S	0.06%max	P	0.01%max
Pb	0.01%max	H_2O	0.15%max
Hg	0.001%max	Size(through325mesh)	95%max

Application: Welding flux, optical glass and infrared transmitting film
Storage: Store in a cool, ventilating place. Prevent package from breaking and deliquescing
Packing: 25kg net, double plastic bags lined plastic woven sack.
Hazardous details:
UN No. 1564
Class: 6.1
Package: II

Strontium Fluoride

Formula: SrF_2
CAS No.: 7783-48-4
M.W.: 125.62
Properties: It is white powder, relative density 4.24 m.p. 1473°C, b.p 2489°C, stable in air, soluble in hot hydrochloric acid, insoluble in hydrofluoric' acid, ethanol or propanone. It decomposes in strong acid.
Specification:

SrF_2	97%min	BaF_2	3.0%max
Cl	0.03%max	S	0.08%max
P	0.01%max	Hg	0.0002%max
Co_2	0.5%max	Ni	0.5%max
Cr	0.3%max	Mn	0.3%max
H_2O	0.5%max		

Application: It is used in medicine, daily chemicals, electronic and optic industries, such as mono-crystal for laser.
Storage: Store at a dry place with seal hermetically.
Packing: 25Kg net, pack sealed with double plastic bags lined plastic woven sack.

Fluoroboric Acid

Formula: HBF_4
CAS NO.: 16872-11-0
M.W: 87.81
Properties: Colorless and transparent liquid; highly acidic; capable of being mixed with water and alcohol; hydrolyzed in water and and decomposed when heated to 130°C; toxic and highly corrosive.
Specification:

HBF_4	50%min	H_3BO_3	2.0%max
Cl	0.01%max	SO_4	0.02%max
Fe	0.01%max	Pb	0.01%max

Application: Preparation of borofluoride; electrolytic industry; stabilizing reagent of heavy nitrogen, dissolution of sponge titanium and its alloy
Storage: Store in a cool, ventilating place. Prevent package from breaking and deliquescing.
Packing: 25kg or 250kg per plastic drum.
Hazardous details:
UN No. 1775
Class : 8.1

Fluorosilicic Acid

Fonnula:H_2SiF_6
CAS No.: 16961-83-4
M. W:144.09
Properties: It is colorless or light transparent liquid. It has excitant smell, strong corrosiveness and poison. Fluorsilicic acid volatilizes easily. It is corrosive to lead and other metal.
Specification:

	No. 1	No. 2
H_2SiF_6	37%max	40%max
HF	0.4%max	0.5%max
SO_4	0.3%max	0.5%max
Fe	0.01%max	0.05%max
Pb	0.005%max	0.005%max

Application: It is used as row materials for fluosilicate, disinfectant(1-2% of solution) of brewing industry and used for refining lead of electrolysis.
Storage: Store at a ventilating, and dry place, keep away from food
Packing: Net 250Kg drum or net 1.25mt IBC tanks.
Hazardous details:
UN No. : 1778, Class :8, Packing : II

Fluorotitanic Acid

Formula:H_2TiF_6
CAS No.:17439-11-1
M.W: 164
Properties:. Colorless, transparent liquid; poisonous.
Specification:

	No. 1	No. 2
H_2TiF_6	50%min	60%min
Cl	0.05%max	0.05%max
HF	2.0%max	2.0%max
Fe	0.05%max	0.05%max
H_2SiF_6	0.2%max	0.2%max

Application: Analytical reagent; in manufacture of fluorinate and Titanium
Storage: Store in a cool, ventilating place. Prevent package from breaking and deliquescing
Packing: 25kg or 250kg per plastic drum
Hazardous details:
UN No. : 3264
Class :8
Packing : II

Fluozirconic Acid

Formula: H_2ZrF_6
CAS No.: 12021-95-3
M.W: 207.22
Properties: Colourless and transparent liquid; soluble in water and ethanol, It is a kind of strong acid.
Specification:

H_2ZrF_6	45%min	Zr	19.5-20%max
SO_4	0.03%max	Fe	0.0%max
Cl	0.2%max	As	0.005%max
Cu	0.005%max	HF	0.5%max

Application: It is used to produce fuorozicnate salts, steady reagent and electroanalysis industry.
Storage: Store at a dry place hermetically , keep cool and ventilated , prevent damp, keep away from food and acid.
Packing: Net 250Kg net, sealed plastic drum, or 1250kg IBC drum.
Hazardous details:
UN No.: 3264
Class : 8
Packing II

Lithium Fluoride

Formula: LiF
CAS No.: 7789-24-4
M.W.: 25.94
Properties: It is a white powder, soluble in acid, hardly soluble in water, insoluble in methanol and propanone. Its relative density is 2.653. The melting point is 848°C. It reacts with HF to form $LiHF_2$
Specification:

Assy	99.0%min	H_2O	0.10%max
Na+K	0.1%max	Ca	0.05%max
Fe	0.01%max	SO_4	0.05%max
SiO_2	0.10%max	Cl	0.01%max
Size(through 325 mesh)	95%min		

Application: It is for enamel, nuclear industrial, optical glass and battery industry, also as desiccant and soldering flux.
Storage: Store with seal and damp proof.
Packing: 25Kg net, pack sealed with double plastic bags lined plastic woven sack.
Hazardous details:
UN No. : 3288
Class : 6.1, Packing : III

Magnesium Fluoride

Formula: MgF_2
CAS NO.: 7783-40-6
M.W: 62.31
Properties: It is white powder. The melting point is 1261°C. It is insoluble in water and alcohol, slightly soluble in dilute acid, soluble in nitric acid. It can be stored in glass containers.
Specification:

MgF_2 (based on drying at 400°C)	98.0%min	Ca	0.1%max
SiO_2	0.9%max	SO_4	0.25%max
Fe	0.2%max	H_2O	1.5%max
+200 mesh	20%max	Na	0.1%max
-200 mesh	80%max		

Application: It is used in manufacture of ceramic, glass, flux of smelting magnesium, coating lenses and filter of optical instruments and so on.
Storage: Store in a cool and dry place hermetically.
Packing: 25kg net bags.

Magnesium Silicofluride

(Formula: $MgSiF_6.6H_2O$) - (CAS No.: 16949-65-8) - (M.W.: 274.48)
Properties: Clear or white, rhombohedra or acicular crystal, odorless. The relative density is 1.788. The melting point is 120°C(decomposition).It is hard to deliquesce. But the crystal water will be lost under efflorescence. It is decomposed by dehydration when the temperature is over 80°C, and at the same time gives out silicon tetrachloride gas. It dissolves easily in water, also in dilute acids, but hardly dissolves in hydrofluoric acid and insolubilizes in alcohols. Its water solution presents an acidic nature. When reacted on alkalis, it will generate relative fluor---complex and silica. Poisonous!
Specification:

Assay ($MgSiF_6.6H_2O$)	98.5%min	Water-insoluble matter	0.2%max
H_2SiF_6	0.5%max	$MgSO_4.7H_2O$	0.3%max
H_2O	0.5%max		

Application: Mainly used as a water--repellent and a hardener to improve the hardness and intensity of concrete. Otherwise, it is applied in surface fluor efflorescence---proofing for constructions made of ganister bricks, the manufacturer of ceramics, insect prevention for fabrics, and also used as a pesticide.
Storage: Store at a ventilating and My place, prevent wetting and keep away from strong inorganic acid and alkali.
asking: 25Kg net, pack sealed with double plastic bags lined plastic woven sack.
Hazardous details: UN No: 2853, Class: 6.1, Packing: III

Potassium Silicofluoride

Formula: K_2SiF_6
CAS No: 16871-90-2
M.W: 220.25
Properties: White odorless crystals or powder; weak acidity; insoluble in water, aqueous ammonia and ethanol; soluble in hydrochloric acid, decompose by heat to form potassium fluoride(KF) and silicon tetrafluoride(SiF_4); hydrolyze in hot water to form hydrogen fluoride(HF) and silicate acid (H_2SiO_3); have toxic.
Specification:

Assay (K_2SiF_6)	98%min	HF	0.1%max
H_2O	0.5%max	Water-insoluble matter	0.4%max
Heavy metal(Pb)	0.1%max		

Application: Wood preservation; ceramics made; metallurgy of aluminum and magnesium; optical glass; synthetic mica and antisepsis
Storage: Store at a ventilating, and dry place, keep away from food.
Packing: Net 50Lb, net 25kg or net 1000kg bags.

Sodium Bifluoride

Formula: $NaHF_2$
CAS No: 1333-83-1
M.W: 61.99
Properties: It is a white crystal with relative density of 2.08. It is soluble in water, but insoluble in ethanol. Its aqueous solution can etch glass. When heated sodium hydrogen fluoride decomposes into sodium fluoride and hydrogen fluoride.
Specification:

Assay ($NaHF_2$)	98.0%min	Water-insoluble matter	0.5%max
Free acid (HF)	0.2%max	Cl	0.15%max
SO_4	0.1%max	SiO_4	0.5%max
H_2O	0.5%max	Mesh Size(through 325mesh)	5%max

Application: It is used as aseptic, glass etchant and flux of metal. It is also used for texture finishing of textile, insect proof treatment of leather and production of hydrogen fluoride.
Storage: Store at a dry place. Do not store with organic compounds together.
Packing: 25Kg net, pack sealed with double plastic bags lined plastic woven sack.
Hazard details: UN No.: 2439
Class: 8
Packing group: II

Ammonium Fluoroborate

Formula: NH_4BF_4
CAS No:13826-83-0
M. W: 104.86
Properties: Easily dissolved in water, solution reacts acidity characteristics, erosive toward to glass, insoluble in alcohol and etnanol, decomposed at 110°C , evaporates under over heating.
Specification:

Assay	98%min	Fe	0.03%max	Cl	0.005%max
Pb	0.001%max	H_2O	0.2%max	SO_4	0.01%max

Application: Welding flux of various metals like aluminum, copper, etc, antioxidant for magnesium case, retardant, pesticide, resin bonder, dye catalyst and analysis reagent.
Packing: 25Kg net, pack sealed with double plastic bags lined plastic woven bags.
Storage: Store at dry and ventilating place, avoid damp and keep away from food and acid.
Hazardous details:
UN No. : 3260
Class : 8
Packing: II

Ammonium Fluoride

Formula: NH_4F
CAS No: 12125-01-8
M.W: 37.04
Properties: it is a white crystal with corrosive to skin and toxic. It is soluble in water and methanol, slightly soluble in ethanol, insoluble in propanone and liquid ammonia. When it is in hot water decomposition will occur to release ammonia and ammonium bifluorid.
Specification:

NH_4F	96.0%min	Loss on drying	3.0%max
SO_4	0.1%max	Residue on ignition	0.2%max
$(NH_4)_2SiF_6$	0.5%max		

Application: It is used for extracting rare elements, glass etching, preservative and disinfector in timber and brewing, fibrous mordant and analytical reagent.
Storage: store at a dry ventilated place, avoid wetting.
Packing: 25Kg net, double plastic bags lined plastic woven sack.
Hazardous details:
UN No.: 2505
Class: 6.1
Packing group: III

Cryolite-K (Potassium Fluoroaluminate)

Formula: $KA1F_4$
N.W.: 142.073
CAS No.: 13775-52-5
Properties: White or light gray powder, slightly soluble in water. FH will come out in the reaction to water at above 730°C, dissolved slowly in strong acid to send out HF.
Specification:

Al	17-18%	F	49-51%
K	28-32%	S	0.2%max
P	0.1%max		
Mesh size(through 60 micron)	95%min		

Application: Used as insecticide, ceramics, glass industry etc.
Storage: Store at ventilating and dry place, prevent wet and keep away from inorganic acid and food.
Packing: 25Kg net, double plastic bags lined plastic woven bag.

Cryolite-Li (Lithium Hexafluoroaluminate)

Formula: Li_3A1F_6
CAS No.: 13821-20-0
M.W.: 161.79
Properties: It is white powder
Specification :

Al	15-17%	Cl	0.01%max
Li	12-13%	SiO_2	0.25%max
F	65-70%	Pb	0.01%max
Fe_2O_3	0.02%max	P_2O_5	0.005%max
SO_4	0.5%max	H_2O	0.5%max

Application: Production of abrasives: as active filler in rein hounded abrasives for metal treatment.
Production of welding agents: as component of welding rod coating and welding powders.
Production of soldering agents: as compent for flux agents.
Storage: Store at ventilated, dry and cool place and keep from food.
Packing: 25Kg net, double plastic bags lined plastic woven bag.

Nickel Acetate

Formula: $Ni(CH_3COO)_2 \cdot 4H_2O$
CAS No.: 6018-89-9
M.W.: 248.84
Properties: Green monoclinic crystal. Odor is like acetic acid. Density: l.744g/cm^3 , decomposed when heating, Freely soluble in water and ethanol, liquefied ammonia
Specification:

Ni	23%min	Cr	0.0001%max
Cu	0.0001%max	Fe	0.0002%max
Pb	0.0002%max	Zn	0.0001%max
Mn	0.0001%max	Cl	0.0002%max

Application: Used in precise plating, surface treatment of Aluminum profile and ceramic glazing.
Storage: Store in a cool, ventilating place. Prevent package from breaking and deliquescing
Packing: 25kg net, Paper/PE complex bags with double PE inners.

Nickel Carbonate, Basic

Formula: $NiCO_3 \cdot 2Ni(OH)_2 4H_2O$
CAS No.: 3333-67-3
M.W.: 376.23
Properties: It is reseda powder, soluble in dilute acid, but insoluble in water.
Specification:

	First-grade	Second-grade
Ni	45%min	35%min
Co	0.05%max	0.1%max
Fe	0.002%max	0.005%max
Cu	0.002%max	0.005%max
Zn	0.002%max	0.005%max
Pb	0.002%max	0.005%max
Cl	0.01%max	0.05%max
SO_4	0.01%max	0.05%max
HCl-insolube matter	0.05%max	0.1%max

Application: It is used in manufacture of other nickel salts, nickel catalysts, pigment and additive of ceramics and electroplating nickel.
Storage: Store with dry and seal hermetically
Packing: 25kg net, Paper/PE complex bags with double PE inners.

Nickel Fluoride

Formula: $NiF_2 \cdot 4H_2O$
CAS No.: 13940-83-5
M.W.: 168.70
Properties: It is a green powder with hygroscopic, absorb moisture and soluble in water.
Specification:

	First-grade	Second-grade
Ni	34%min	32%min
Cu	0.01%max	0.02%max
Fe	0.01%max	0.02%max
Zn	0.05%max	0.08%max
SO_4	0.5%max	0.5%max
Cl^-	0.4%max	0.05%max
Water insol matter	0.4%max	0.5%max

Application: It is used as fluidizer and hole-sealing agent of aluminum-alloy.
Storage: Store at a cool and dry place with seal hermetically.
Packing: 25Kg net bags.
Hazardous details:
UN No. : 3288, Class : 6.1, Packing : III

Nickel Nitrate

Formula: $Ni(NO_3)_2 \cdot 6H_2O$
CAS No.: 13138-45-9
M.W.: 290.81
Properties: Aquamarine platelike crystal belonging to monoclinic crystal, density:2.05g/cm^3,melting point: 56.7°C, boiling point:136.7°C (saturated solution). Freely soluble in water, liquid ammonia, ethanol, slightly soluble in acetone, water solution is acid.
Specifications:

Assay ($Ni(NO_3)_2 \cdot 6H_2O$)			98.0%min		
Water insoluble matter			0.01%max		
Cl	0.01%max	SO_4	0.01%max	Fe	0.001%max
Zn	0.02%max	Co	0.05%max	Cu	0.005%max
Pb	0.005%max	Mg	0.02%max	Ca	0.02%max
Na	0.02%max	K	0.01%max	PH	3.5-4.5

Application:Used in nickel plating,coloring of metals,nickel catalyzer,brown pigment for ceramics etc
Storage: store in a cool, ventilating place. Prevent package from breaking and deliquescing
Packing: 25kg net. Paper/PE complex bags with double PE inners.

Nickel Oxide

Formula: NiO
CAS No.: 1313-99-1
M.W.: 74.71
Properties: It is soluble in acid, aqueous ammonia, hot perchloric acid and hot sulfuric acid, insoluble in water and liquid ammonia.
Specification:

Ni	72%74%76%min	Co	0.15%max
Cu	0.05%max	Fe	0.25%max
Zn	0.05%max	S	0.03%max
Ca+Mg+Na	1.0%max	HCl insoluble matter	0.3%max

Application: Densification agent of porcelain enamel, pigment of enamel and glass, magnetic material, metallurgy, kinescope and raw materials for nickel salt and nickel catalyst.
Storage: Store at a ventilating and dry place, prevent wetting and keep away from strong inorganic acid and alkali.
Packing: 25kg net, Paper/PE complex bags with double PE inners.

Nickel Sulfamate

Formula: $Ni(SO_3NH_2)_2.4H_2O$
CAS No.• 13770-89-3
M.W.: 322.92
Properties: Green crystal, deliquesce easily in moisture air, freely soluble in water, lose crystal water to decompose under high temperature.
Specification :

Assay	99%min	Ni	18%min
Co	0.005%max	Cu	0.0005%max
Fe	0.0005%max	Pb	0.0005%max
Zn	0.0005%max	SO4	0.1%max
Cl^-	0.002%max	Water insoluble	0.05%max

Application: It is a kind of good plating salt which is fast developing within recent years in the world owing to its quick plating, low inner stress, high solubility, no pollution. etc. Widely used in electron, automobile, spaceflight, coinage, metallurgy, nickel net, radio, color aluminum alloy.
Storage: Store in a cool, ventilating place. Prevent package from breaking and deliquescing.
Packing: 25kg, net, Paper/PE complex bags with double PE inners.

Company Profile

Ammonium Bifluoride.....98%min

Ammonium Hepta Molybdate.....99.4%min

Ammonium Hexafluorozirconate.....98%min

Barium Titanate 99.5%min

Barium Chloride.....99%min

Cadmium Oxide.....99.5%min

Calcium Formate 98%min

Cobalt Sulfamate Co18%min

Cobalt Nitrate Solution.....Co13%min

Cobalt Fluoride.....Co33.5%min

Cobalt Naphthenate Co10%min

Cobalt Manganese Bromide.....Co3.9-4.1%min

Cupric Oxide.....98&99%min

Ferric Ammonium Oxalate.....99%min

Ferric Sodium Oxalate.....99%min

Lithium Nitrate.....99%min

Monopentaerythritol 98%min

Nickel Nitrate Solution.....Ni13%min

Potassium Fluoride.....98%min

Potassium Bifluoride 99%min

Potassium Hexafluorozirconate.....98%min

Sodium Fluoride 98%min

Sodium Fluoroborate 98%min

Zinc Fluoride 98%min

Zinc Silicofluoride.....98%min

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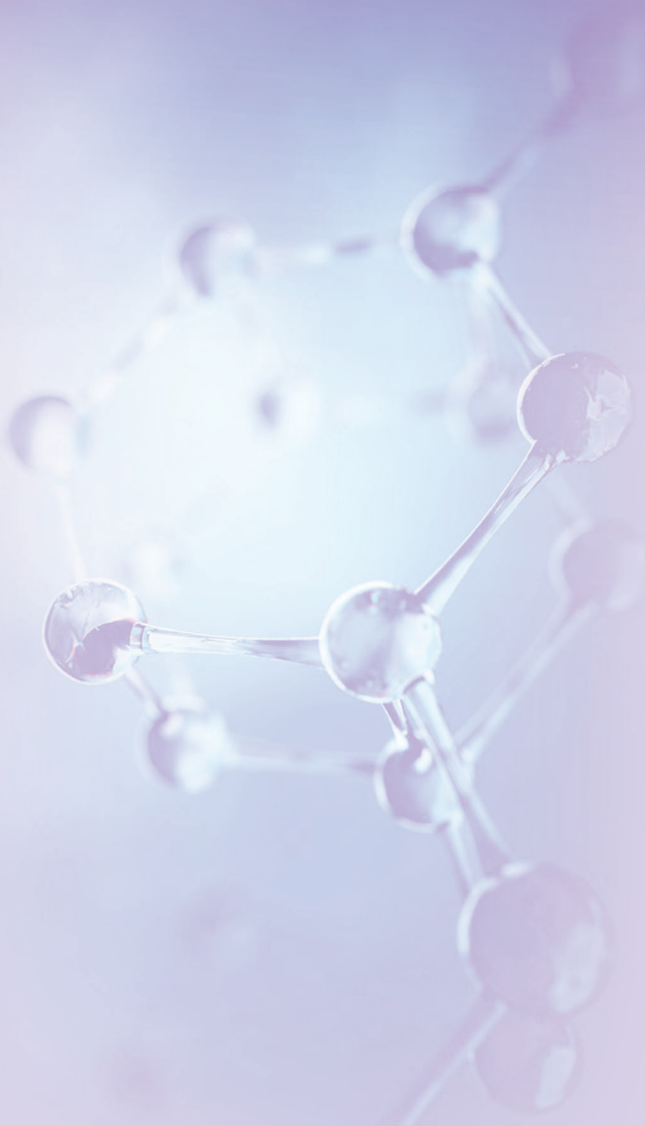

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