



RONGDA CHEMICAL CO.,LTD.

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Company introduction

Rongda Chemical Co.,Ltd is an export-oriented enterprise specialized in producing and marketing zinc-based chemical material. Our head company is Zhuzhou Mingqi Chemical Co.,Ltd .which was established in 2007,famous by the great performance and reputation in domestic chemical market. **Actually we are biggest distributor for sodium sulfite in China.** Rongda was built mainly for our export sales.

Rongda has it's own invested and cooperative facilities,and also represent some other renowned suppliers in China.

The main products with yearly production capacity as below:

- 1) Sodium sulfite anhydrous Capacity: 50,000metric tons
- 2) Zinc sulphate Capacity: 30,000metric tons
- 3) Zinc oxide Capacity: 30,000metric tons
- 4) Rongalite Capacity: 20,000metric tons
- 5) Sodium metabisulphite Capacity: 50,000metric tons
- 6) Caustic soda flakes Capacity: 50,000 metric tons

Rongda is also dedicated to source and supply other quality chemicals to meet customer's needs.

Rongda is still young,but we will try the best to be your reliable source of chemicals from China.

Product Specification

Catalogue:

- 1,sodium sulfite anyhydrous
- 2,sodium metabisulphite
- 3,zinc sulphate mono & hepta
- 4,rongalite

- 5,zinc oxide
- 6,sodium thiosulfate
- 7,sodium hydrosulfite
- 8,CMC (Carboxy Methylated Cellulose)
- 9,caustic soda flakes

Product 1: Sodium Sulfite Anhydrous



- 1. Purity:96,98%
- 2.CAS no.:7757-83-7
- 3.MF:Na2SO3
- 4.White crytal powder Sodium Sulfite

2.Specificaion

Specification for Industry Grade and Food Grade :

Item	Quality Index	
	Industry Grade	Food Grade
Purity (As Na ₂ SO ₃)	96.0% min	98.0% min
Sodium sulphate (SO ₄)	2.0% max	1.0% max
Chlorides (As NaCL)	0.5% max	0.1% max
Arsenic (As)	-	0.0002% max
Heavy metals (As Pb)	-	0.0005% max
Iron (Fe)	0.005% max	0.002% max
Water insolubles	0.05% max	0.02% max

3.Usage

(1) Industry Grade : Used in Dyeing and printing Industry ,as dechlorinating agent and bleaching agent, in leather and tanning industry as bleaching agent , developer agent , reductant agent , stabilizer agent , or used in papermaking, electronic and water treatment industry.

(2) Food Grade: In food industry as additive (E223) preservative, antioxidant and antimicrobial for fruits (dried, glazed and candied), vegetables (onions, potatoes, etc.), juices (citrus and grapes) and fish (shrimps and prawns). In silage treatment as antifermentative. In starch and sweeteners production as bacteriostatic.

(3) Photo Grade: In the photographic industry as component of developer bath .

(4) Pharmaceutical Grade : pharmaceutical industry for the production of chloroform, benzene and formaldehyde phenylpropanoid Sulfone

4.Storage

Sodium sulfite should be stored in a dry and cool place.

5.Package

Sodium sulfite is packed in net weight 25kg plstic woven bag with plastic inner bag. 25tons/20'FCL.

Product 2: Sodium Metabisulfite



- 1.monthly output about 3000MT
- 2.Purity($\text{Na}_2\text{S}_2\text{O}_5$): 97% Min
3. SO_2 Content: 65% Min
- 4.CAS No.:7681-57-4

Specifications:

Commodity name :Sodium Pyrosulfite, Sodium Metabisulfite

1. Chemical formula: $\text{Na}_2\text{S}_2\text{O}_5$

2. Standard: Industrial Grade: HG/T2826—2008, Food Grade: GB1893—2008

Product Specification:

Item	Index		
	Technical Grade		Food Grade
	Special	First	
$\text{Na}_2\text{S}_2\text{O}_5$ % \geq	96.5	95.0	96.5
Iron (Fe) \leq	50ppm	100ppm	30ppm
Clear degree	—	—	Through the test
Water-fast material % \leq	0.05	0.05	—
Heavy metal(Pb) % \leq	—	—	5ppm
Arsenic(As) \leq	1ppm	—	1ppm

Physical appearance: White or slightly yellow crystal powder.

3. Package: Compound plastic woven bag with polyethylene liner, net weight 25kg or 50kg each.

4. Notice: Store it in aeration and shady place . Not put it together with strong acids, oxidants. Avoid the wrappage being perforated and prevent from water and moisture when conveyed. Exposure to moisture will make it to be oxidized easily to release SO_2 . Do not store it for long time.

5. Application: Bleaching agent for textiles. Dechlorination agent for Bleached textiles. Bleaching agent paper pulps. Bactericide and antiseptic in food industries. Disposal agent for waste water, etc.

6. Quality-keep time: 6 months.

Product 3: Zinc Sulphate Mono/Hepta



1. Product name: Zinc Sulphate Mono/Hepta
2. Chemical formula: $ZnSO_4 \cdot H_2O$ / $ZnSO_4 \cdot 7H_2O$
3. Molecular Weight: 179.46 / 287.56
4. CAS No.: 7446-19-7 / 7446-20-0
5. H.S. Code: 2833293000
6. physical characteristics: White powder or crystal, easily soluble in water and insoluble in alcohol and ketone

Specification:

ITEM	$ZnSO_4 \cdot H_2O$	$ZnSO_4 \cdot 7H_2O$	Granules
Purity, % \geq	98	98	98%
Zinc (Zn), % \geq	35.5	22.5	33.5%
Water Insoluble, % \leq	0.05	0.05	0.05
Heavy Metal (Pb), % \leq	0.001	0.001	0.001
Arsenic (As), % \leq	0.0005	0.0005	0.0005

Cadmium (Cd) ≤ 0.001 0.001 0.001

Application: Zinc Sulphate is mainly used as raw material for the production of lithophone and zinc salts. It is also used in synthetic fiber industry, zinc plating, pesticides, flotation, fungicide and water purification. In agriculture, it is mainly used in feed additive and trace element fertilize, etc.

Package: Net 25kgs plastic woven bags with inner liner or 1000kgs big bag or 50 lb paper bags.

Product 4: Rongalite (Sodium Formaldehyde Sulfoxylate)



Commodity name : Sodium Formaldehyde Sulfoxylate (Rongalite)

1. Chemical formula: $\text{NaHSO}_2 \cdot \text{CH}_2\text{O} \cdot 2\text{H}_2\text{O}$
2. Standard: HG/T2281-2006

Product Specification:

Item	Index
$\text{NaHSO}_2 \cdot \text{CH}_2\text{O} \cdot 2\text{H}_2\text{O} \%$	≥ 98.0
Dissolution state sulphide	Clear or slightly muddy Not been black
Odor	Odorless or with a slightly leek odor

Physical appearance: White nubby or powdery solid.

3. Package:

- 1)、 iron drums with polyethylene liner, net weight 50kg.
- 2) 、

Compound plastic woven bag with polyethylene liner, net weight 25kg or 50kg each.

4. Notice:

Store it in aeration and shady place. Not put it together with acid. Avoid the wrappage being perforated

and prevent from water and moisture when conveyed. Its chemical property wobbles, not suitable to keep for a long time.

5. Application:

Used as capturing-colour agent in printing and dyeing industry, activation in rubber synthetics

and industry bleacher,antidote of Hg、 Bi、 Ba.

6.quality keep time: one year.

Product 5: Zinc oxide



Commodity name : Zinc Oxide

1. Chemical formula: ZnO

2.Standard: Q/CAKZ002-2012

Product Specification:

Item	Index		
	Special	First	Normal
Physical appearance	White or slightly yellow crystal powder		
Zinc oxide (dry base) % ≥	99.70	99.50	98.50
Metal Zn (Zn) % ≤	Nothing	Nothing	—
Lead oxide (Pb) % ≤	0.037	0.05	—
Manganese oxide (Mn) % ≤	0.0002	4	—
Copper oxide (Cu) % ≤	0.0002	0.0004	—
Acid-fast material % ≤	0.05	—	—
Loss on ignition % ≤	0.30	0.40	—
Tailover % ≤	0.10	0.20	—
Water-soluble material % ≤	0.20	0.30	—
105°C volative % ≤	0.30	0.40	—

3.Package:

Compound plastic woven bag with polyethylene liner, net weight 25kg or 50kg each.

4. Notice:

Store it in aeration and shady place. Not put it together with acid. Avoid the wrappage being

perforated and prevent it from water and moisture when conveyed.

5. Application: Used for rubber, paint, enamel, glass and other chemical industry.

Product 6: Sodium Thiosulfate



Commodity name : Sodium Thiosulfate

1. Chemical formula: $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$

2. Standard: Industrial Grade: HG/T 2328-2006、Q/CAKZ008-2012

HG/T 2328-2006 Product Specification:

item		index	
		Special	First
$\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$	% \geq	99.0	98.0
Water-insoluble material	% \leq	0.01	0.03
Iron (Fe)	\leq	20ppm	30ppm
Sulfid (Na_2S)	\leq	10ppm	30ppm
PH (200g/L solution)		6.5-9.5	6.5-9.5

Q/CAKZ008-2012 Product Specification:

item		index	
		First	Normal
$\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$	% \geq	98.0	96.0
Water-insoluble material	% \leq	0.03	—
Iron(Fe)	\leq	30ppm	—
Sulfid(Na_2S)	\leq	30ppm	—
PH (200g/L solution)		6.5-9.5	6.5-9.5

Physical appearance: White or slightly yellow crystal monoclinic crystal compound.

3. Package:

Compound plastic woven bag with polyethylene liner, net weight 50kg each.

4. Notice: Store it in aeration and shady place. Not put it together with strong acids, oxidants. Avoid

the wrappage being perforated and prevent from water and moisture when conveyed.

5. Application. Dechlorination agent for bleached textiles. Bleaching agent for paper pulps. Bactericide

and antiseptic in food industries. Disposal agent for waste water, etc.

6. Quality-keep time: 12 months.

Product 7: Sodium Hydrosulfite



Commodity name: Sodium Hydrosulfite

1. Chemical formula: $\text{Na}_2\text{S}_2\text{O}_4$

2. Standard: Industrial Grade HG/T 2074-2011, Food Grade GB 22215-2008

HG/T 2074-2011 Product Specification

Item	Index		
	Special	First	Normal
Sodium hydrosulfite ($\text{Na}_2\text{S}_2\text{O}_4$) %, \geq	90.0	88.0	85.0
appearance	White crystal powder		
smell	No smell or slightly sulfur dioxide smell		
State when dissolved	Clear or slightly muddy when dissolved in formaldehyde		

GB 22215-2008 Product Specification

Item	Index
Sodium hydrosulfite ($\text{Na}_2\text{S}_2\text{O}_4$) %	≥ 88.0
Clear degree	Through the test

Heavy metal (Pb)	≤ 10ppm
Lead(Pb)	≤ 5ppm
Cadmium(Cd)	≤ 2ppm
Arsenic (As)	≤ 1ppm
Ethylenediamine tetraacetic acid disodium (EDTA)	qualified
formate (as HCOONa)	≤ 0.05%

3. Package:

- 1) Iron drums with double polyethylene liners, net weight 20kg or 40kg each.
- 2) Internal callbackable container, net weight 1200kg each.

4. Storage & handling: The product must always be handled and stored in sealed and clean iron drums or bulk

containers. Protect the product away from direct sunlight, heat, sparks and open flames. Avoid contacting it with moisture, acids, oxidizing chemicals and combustible organic substances. Handle the product carefully and avoid damaging the package when conveyed. The storehouse should be equipped with dry-chemical fire extinguisher, fire protection claw, water source and suitable gas mask.

5. Application: It is widely used in the textile industry for vat dyeing, reduction cleaning, printing, stripping and textile materials bleaching. It is also used in bleaching paper pulps, especially mechanical pulp bleaching kaolin clay and foodstuffs. As a reducing agent, it is used in organic synthesizing.

Product 8: CMC For Oil Drilling Grade PAC-HV



CAS No. 9004-32-4

MF: $[C_6H_7O_2(OH)_2CH_2COONa]_n$

Grades and Types of PAC

ITEM	PAC-HV	PAC-LV
FLUID LOSS		
ml, Adding 0.57%(2ppb)	≤ 20	≤ 25
ml, Adding 0.86%(3ppb)	≤ 15	≤ 15
ml, Adding 1.14%(4ppb)	≤ 10	≤ 10
YIELD POINT		
yp, Adding 0.57%(2ppb)	≤2.4Pa(51b/100sq.ft)	≤1.0Pa(51b/100sq.ft)
yp, Adding 0.86%(3ppb)	≤9.6Pa(51b/100sq.ft)	≤2.9Pa(51b/100sq.ft)
yp, Adding 1.14%(4ppb)	≤19.2Pa(51b/100sq.ft)	≤4.8Pa(51b/100sq.ft)

PAC-HV MUD MAKING VOLUME			
ITEM	INDEX		
	Distilled Water	40g/l Salt Water	Saturated Salt Water
PAC-HV MUD MAKING VOLUME, m ³ /T	≥400	≥230	≥280

PAC is an inorganic high polymer coagulating agent. It is formed by polymerization of hydroxyl ion and multivalent anion through bridging function.

The treatment effect is better than those using Ferric trichloride or Aluminum sulfate with lower costs.

The speed of agglomeration is faster and sedimentation rate is higher. Thus the treating capacity is larger than traditional coagulant such as Ferric trichloride or Aluminum sulfate.

The adaptability of PAC in treating water source with different temperatures, turbidity value and alkalinity is better than that of trichloride and aluminum sulfate.

PAC is adaptive within a wide range of PH value stretching from 5.0 to 9.0, obtaining best effect between 6.5 and 7.5.

With low causticity, it is easy to handle.

With better solubility than Ferric trichloride and Aluminum sulfate.

With little residue of aluminum and salt, good for ion-exchange treatment and preparation of high purity water.

Advantages

High degree of substitution, good uniformity of substitution.

High transparency, viscosity and water loss can be controlled.

Suitable for fresh water, sea water, saturated brine slurry.

Stabilize soft soil structure; prevent collapse of wall of a well.

Can improve mud-making volume, reduce filtration loss.

Has excellent performance in drilling of oil.

Applications

Industrial water supply and industrial circulation water.

Coal recovery from coal-washing waste water, Kaolin recovery from pottery industry.

Glycer in making, Pharmacy, Liquid sugar refined.

Carrier of catalyst.

Sizing in paper making.

Product 9: Caustic soda flakes



Name: flakes caustic soda

MF: NaOH

Appearance: White flakes

Grade : Industrial grade

Standard : GB 209-2006

General Description:

Caustic soda flakes is obtained from sodium hydroxide -technical grade.

It is a solid white, hygroscopic, odorless substance.

Caustic soda flakes easily dissolves in water, with heat release. The product is soluble in methyl and ethyl alcohols.

Sodium hydroxide is a strong electrolyte (completely ionized both in crystalline and solution states).

Sodium hydroxide is not volatile, but it rises easily in air as aerosols. It is insoluble in ethyl ether.

Specification:

NaOH	99.0% min
Na ₂ O	76.0% min
Na ₂ CO ₃	0.5% max
NaCl	0.1% max
NaSO ₄	0.1% max
Fe ₂ O ₃	0.004% max
HEAVY METALS	20ppm max

Application :

pulp and paper,
oil industry
petrochemical industry
aluminum industry
pulp and paper industry
soap and detergents industry
chemical industry (for the manufacturing of dyestuff, phenol, phosphates, sodium hypochlorite, polycarbonates, zeolites etc.)
food industry
pharmaceutical industry
water treatment (softening, demineralization)
textile industry at the manufacturing of cellulose fibers by viscose process

Packaging and storage:

Caustic Soda flakes is packed in palletized polyethylene bags of 25 kg (permissible variation ± 0.2 kg) and in 1 ton (permissible variation ± 5 kg) bags made of polypropylene lined with polyethylene.

Caustic soda storage is provided in dry warehouses.

Safety Information:

Caustic Soda solution is a corrosive product.

Before handling and using of product, the personnel must be aware of the dangers implied. This

information is available in MSDS and on the product label.