



吉川化学
JICHUAN CHEMICAL



吉川盛泰
JICHUAN MORITAI



Product Catalog

Dongguan jichuan chemical Add Environmental Technology Co.,LTD

High-pressure cleaning agent



Name	High-pressure cleaning agent
Model	JCD-012
Appearance	Colorless transparent liquid
Odor	No irritating smell
Storage Conditions	Keep in a well-ventilated place, away from water and prevent leakage.
PH (Stock Solution)	7

► Product Features

1. High insulation strength, no risk of electrical conduction during use;
2. Effectively removes oil, tin slag, rosin, dust and dirt, improving equipment performance and life;
3. The cleaning agent can evaporate quickly during the cleaning process without residue;
4. Gentle on equipment materials, will not corrode metal, plastic or rubber parts;
5. Uses non-toxic ingredients, meets environmental protection requirements, and is very friendly to operators and the environment.

► Usage Effect



Before cleaning



After cleaning



Before cleaning



After cleaning

► Applicable Scope

This product is developed from special raw materials and is mainly used for cleaning electrical equipment such as motors, distribution switch cabinets, substation equipment, distribution rooms, wire and cable equipment. After cleaning, it can extend the service life of electrical equipment and prevent equipment failure. This product is safe and non-corrosive to paint, plastic and various material accessories of electrical equipment, has good insulation performance, withstands voltage below 25KV-36KV, can be cleaned with power on or off, and will not affect the normal operation of the equipment during the cleaning process.

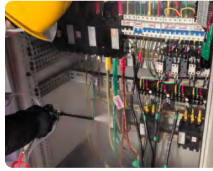
▶ Customer Use Cases



Electrical Equipment



Transformers



Distribution Cabinets



Generators



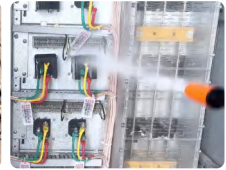
Charging Equipment



Traffic Circuits



Wires and Cables



Power Equipment

[Usage Instructions]

1. Preparation before operation: Ensure that the operating environment is well ventilated and wear protective equipment (such as anti-static gloves, goggles, anti-static clothing). Confirm that the equipment is in normal operation.
2. Spray or apply: Spray the charged cleaning agent evenly in a mist form or apply it to the surface of the electrical equipment to be cleaned with special tools.
3. Cleaning process: After the cleaning agent and the stains have fully reacted (depending on the degree of the stains), wait for it to completely evaporate.
4. Real-time monitoring: During the cleaning process, please continue to observe the operating status of the equipment. If there are any abnormal changes, stop cleaning immediately, and take appropriate measures to restore the normal operation of the equipment.

[Precautions]

1. Strictly implement the rules for the use of live insulator cleaning agents in the National Standard of the People's Republic of China GB/T25098-2010.
2. Outdoor work is not suitable in rainy, snowy and thundery weather. During the operation, if there is a sudden change in the weather that endangers personal safety, you should stop working immediately.
3. Non-professionals are prohibited from operating, and they must hold a certificate to work and take good protection.
4. Water dissolution is prohibited.

*Due to differences in operating methods, processes, equipment, etc. among users, the above content and suggestions are for reference only.



High-pressure cleaning agent



Name	High-pressure cleaning agent
Model	JCD-018
Appearance	Colorless transparent liquid
Odor	Faint smell
Storage Conditions	Keep in a well-ventilated place, away from water and prevent leakage.
PH (Stock Solution)	7

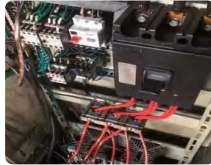
► Product Features

1. High insulation strength, no risk of electrical conduction during use;
2. Effectively removes oil, tin slag, rosin, dust and dirt, improving equipment performance and life;
3. The cleaning agent can evaporate quickly during the cleaning process without residue;
4. Gentle on equipment materials, will not corrode metal, plastic or rubber parts;
5. Uses non-toxic ingredients, meets environmental protection requirements, and is very friendly to operators and the environment.

► Usage Effect



Before cleaning



After cleaning



Before cleaning



After cleaning

► Applicable Scope

High-voltage live cleaning agent (indoor) is widely used in power, communication, industrial manufacturing, electrical appliance maintenance and other industries. It is suitable for the cleaning and maintenance of distribution boxes, electronic equipment, electrical equipment, household appliances, wires, automation equipment, communication facilities, and computer rooms. It can perform cleaning operations without affecting normal operation, and remove dirt, dust, grease, carbon deposits, etc.

▶ Customer Use Cases



Indoor Circuits



Server Rooms



Electric Meters



Sockets



Communication



AFC Equipment



Electrical Appliances



Circuit Boards

[Usage Instructions]

1. Preparation before operation: Ensure that the operating environment is well ventilated and wear protective equipment (such as anti-static gloves, goggles, anti-static clothing). Confirm that the equipment is in normal operation.
2. Spray or apply: Spray the charged cleaning agent evenly in a mist form or apply it to the surface of the electrical equipment to be cleaned with special tools.
3. Cleaning process: After the cleaning agent and the stains have fully reacted (depending on the degree of the stains), wait for it to completely evaporate.
4. Real-time monitoring: During the cleaning process, please continue to observe the operating status of the equipment. If there are any abnormal changes, stop cleaning immediately, and take appropriate measures to restore the normal operation of the equipment.

[Precautions]

1. Strictly implement the rules for the use of live insulator cleaning agents in the National Standard of the People's Republic of China GB/T25098-2010.
2. Outdoor work is not suitable in rainy, snowy and thundery weather. During the operation, if there is a sudden change in the weather that endangers personal safety, you should stop working immediately.
3. Non-professionals are prohibited from operating, and they must hold a certificate to work and take good protection.
4. Water dissolution is prohibited.

*Due to differences in operating methods, processes, equipment, etc. among users, the above content and suggestions are for reference only.



Circuit board cleaning agent



Name	Circuit board cleaning agent
Model	JC-D061
Appearance	Amber
Odor	Weak alkaline taste
Storage Conditions	Store in a cool, dry place away from heat and ignition sources.
PH (Stock Solution)	11±0.5

▶ Product Features

1. Quickly remove welding residues (such as flux, welding slag) as well as dust, grease and other contaminants on the circuit board to keep the circuit board clean and conductive;
2. The product has good insulation performance and can be safely used to clean live equipment without causing short circuit or electric shock risks;
3. It evaporates quickly, no need to wait for a long time after cleaning, no residue or moisture left, ensuring that the equipment quickly resumes normal operation;
4. It is safe for various circuit board materials (such as PCB boards) and components, does not corrode metals, and does not damage plastics and other sensitive materials;
5. It adopts a non-toxic and environmentally friendly formula that meets strict environmental standards.

▶ Usage Effect



Before cleaning



After cleaning



Before cleaning

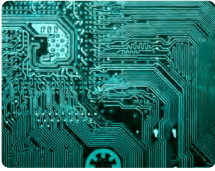


After cleaning

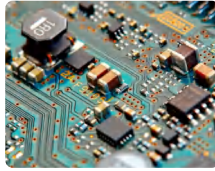
▶ Applicable Scope

Circuit board cleaning agents are widely used in industries such as electronic manufacturing, communication equipment, household appliances, automotive electronics and medical instruments. They are suitable for cleaning residuals after circuit board welding, cleaning electrical contact points in equipment maintenance, and dust and dirt removal in daily maintenance. Its main function is to efficiently remove pollutants such as flux, welding slag, and oil stains, prevent short circuits, improve conductivity, and extend the service life of equipment to ensure stable circuit operation.

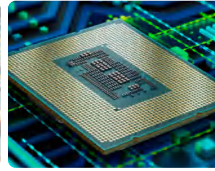
▶ Customer Use Cases



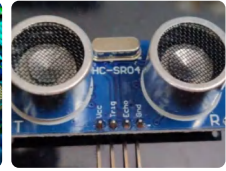
Integrated Circuits



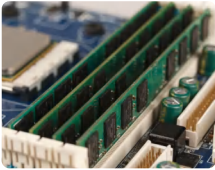
Circuit Boards



Chips



Sensors



Memory



Communication Modules



Maintenance



Resistors

[Usage Instructions]

Different concentrations, temperatures and processing times are recommended for different applications.

Customers can determine the most suitable process control conditions after testing according to actual conditions.

Reference conditions:

Application	Preparation concentration(%)	Processing time(s)	Processing temperature(°C)
HASL post-processing	15±1%	> 60s	60±5°C
Silver post-treatment	8±1%	> 30s	50±5°C
Tin post-treatment	10±1%	> 30s	45±5°C
Cleaning after molding	5±1%	> 10s	45±5°C
Finished product cleaning	6±1%	> 20s	No requirement



Aluminum Environmental Cleaner



Name	Aluminum Environmental Cleaner
Model	JC-AA60
Appearance	Colorless transparent liquid
Odor	Faint smell
Storage Conditions	Place in a dry, cool and ventilated place
PH (Stock Solution)	10±0.5

▶ Product Features

1. Promote the concept of environmental protection, strictly control from the source, use non-toxic high-quality raw materials, friendly to users and the environment.
2. Concentrated, diluted with water, easily soluble in water.
3. Can be used with ultrasonic waves to clean the surface grease and stains of complex metal parts.
4. The cleaning effect is rapid and very obvious.
5. Will not damage the surface of the workpiece, especially precision parts.
6. This product has passed the non-toxic and environmentally friendly SGS certification, marine safety transportation appraisal report and freight requirements.

▶ Usage Effect



Before cleaning



After cleaning



Before cleaning



After cleaning

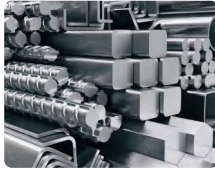
▶ Applicable Scope

Environmentally friendly aluminum cleaning agents are widely used in precision manufacturing, hardware processing, semiconductors, aerospace, mold manufacturing, precision instruments, medical industry, aluminum and steel, robots, 3C electronics, construction and decoration, as well as automobiles, ships and transportation vehicles. It is mainly used to clean oil, grease, dirt, carbon deposits, etc. on the surface of aluminum.

▶ Customer Use Cases



Precision Manufacturing



Aluminum



Automotive Industry



Medical Devices



Construction



Electronics



Surface treatment



Aerospace

[Usage Instructions]

1. Use a stainless steel tank as a container, clean it, prepare the solution in proportion and stir it evenly, and use it with an ultrasonic machine;
2. Use temperature: 80-100°C (stainless steel), 75-85°C (aluminum alloy, zinc alloy);
3. Slot ratio: JC-AA60 cleaning agent 8-12%;
4. Cleaning time: 5-15min.

(Specific process parameters can be adjusted appropriately according to the customer's workpiece conditions and on-site processes)



Degreaser



Name	Degreaser
Model	JCQ-1060
Appearance	Colorless to light yellow liquid
Odor	Odorless
Storage Conditions	Place in a dry, cool and ventilated place
PH (Stock Solution)	7

► Product Features

1. It can quickly remove grease, oil, grease, hydraulic oil, cutting oil, demoulding oil and other grease, metal chips and dirt mixtures on the surface of materials;
2. It has strong cleaning ability, excellent effect on high-temperature grease and oxidized oil film, and has good cost-effectiveness with small dosage;
3. It can completely remove oil stains, including some tiny cracks and surfaces with complex geometric shapes;
4. It is friendly to precision parts and thin-walled parts and will not corrode the substrate;
5. It uses high-quality raw materials and non-toxic and environmentally friendly formulas, which meets green environmental protection standards.

► Usage Effect



Before degreasing



After degreasing



Before degreasing



After degreasing

► Applicable Scope

Degreasing agents are widely used in metal processing, automobile manufacturing, aerospace, electronic equipment, machinery maintenance and other industrial fields. They are mainly used to remove various industrial oil stains such as lubricating oil, engine oil, and anti-rust oil on the surface of equipment parts, and have both cleaning and short-term anti-corrosion functions. Its efficient cleaning ability, friendliness to a variety of materials, and environmental protection and safety characteristics make it an important aid in improving production efficiency and ensuring product quality.

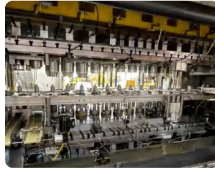
▶ Customer Use Cases



Precision Parts



Machining



Stamping



Car Repair



Sheet Metal Processing



Mold Processing



Glass Processing



Industrial Equipment

[Usage Instructions]

1. Usage: Use a stainless steel tank as a container, clean it, mix the solution according to the proportion, stir it evenly, and use it with an ultrasonic machine;
2. Use it at room temperature or heat it appropriately according to the oil stain on the surface of the workpiece for better results;
3. Slotting ratio: JCQ-1060 degreasing agent 8-12%;
4. Cleaning time: 3-5min.

(Specific process parameters can be adjusted appropriately according to the customer's workpiece conditions and on-site processes)

Stainless steel welding spot cleaning agent



Name	Stainless steel welding spot cleaning agent
Model	JC-H921
Appearance	Colorless liquid
Odor	Faint smell
Storage Conditions	1. Store in a cool, dry area and keep the container tightly closed; 2. Regularly check the container for leaks or damage.
PH (Stock Solution)	5±0.5

► Product Features

1. It can effectively remove welding spots, oxide scale, rust spots and other residues generated during welding;
2. It has a fast-reacting cleaning ability and can achieve cleaning effects in a short time;
3. After removing welding residues, it improves the corrosion resistance of the stainless steel surface;
4. The mild formula will not corrode the stainless steel substrate and avoid damage to the metal surface;
5. This product adopts an environmentally friendly formula, which is friendly to users and the environment.

► Usage Effect



Before cleaning



After cleaning



Before cleaning



After cleaning

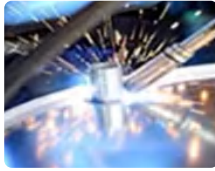
► Applicable Scope

Stainless steel welding spot cleaning agent is widely used in many industries, mainly in the field of stainless steel equipment and structural welding. Including brazing spots, laser welding spots, argon arc welding marks, pressure welding welds, etc., such as food processing, pharmaceuticals, chemicals, construction, machinery manufacturing and other industries, often used on the surfaces of stainless steel pipes, containers, equipment, kitchen facilities, etc. after welding.

▶ Customer Use Cases



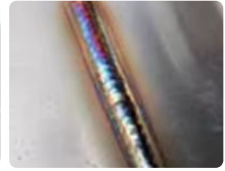
Industrial Pipes



Stainless steel parts



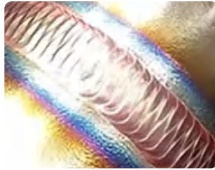
Doors and Windows



Stainless steel
black spots



Pressure welding



TIG welding mark



Laser welding spot



Brazing points

[Usage Instructions]

1. Pretreatment: Before cleaning, first remove the large particles on the surface of the stainless steel. You can use a soft cloth or brush to clean it;
2. Soaking and cleaning: Add the stainless steel weld spot cleaner to the cleaning tank and generally use it according to the instructions for use of the cleaner. Immerse the stainless steel weld to be cleaned in the cleaning tank and use a cleaning brush or ultrasonic cleaner to clean it. The cleaning time is generally 5-15 minutes;
3. Rinse: After cleaning, use clean water to clean the cleaner on the surface of the workpiece;
4. Drying: Finally, use a hair dryer or natural wind to dry it.



Stainless steel welding spot cleaning passivation paste



Name	Stainless Steel Weld Stain Cleaning and Passivation Paste
Model	JC-H920
Appearance	Transparent gel
Odor	Faint smell
储存条件	1. Store in a cool, dry area and keep the container tightly closed; 2. Regularly check the container for leaks or damage.
PH (原液)	5±0.5

► Product Features

1. Effectively removes weld spots, can quickly remove scale, weld spots and burn marks formed during welding, and restore the smoothness of the stainless steel surface;
2. Passivation function, not only cleans the surface, but also forms a protective film on the welding part to prevent further oxidation and corrosion, and improve corrosion resistance;
3. Will not cause corrosion or damage to the substrate during use;
4. Adopts environmentally friendly formula, non-toxic, non-irritating, suitable for safe use in production environment.

► Usage Effect



Before cleaning



After cleaning



Before cleaning



After cleaning

► Applicable Scope

Stainless steel welding spot cleaning agent is widely used in many industries, mainly in the field of stainless steel equipment and structural welding. Including brazing spots, laser welding spots, argon arc welding marks, pressure welding welds, etc., such as food processing, pharmaceuticals, chemicals, construction, machinery manufacturing and other industries, often used on the surfaces of stainless steel pipes, containers, equipment, kitchen facilities, etc. after welding.

▶ Customer Use Cases



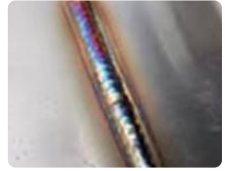
Industrial Pipes



Stainless steel parts



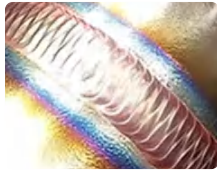
Doors and Windows



Stainless steel
black spots



Pressure welding



TIG welding mark



Laser welding spot



Brazing points

[Usage Instructions]

1. Pretreatment: Before cleaning, first remove large particles on the surface of stainless steel. You can use a soft cloth or brush to clean it;
2. Apply passivation paste: Use a brush or cloth to evenly apply the passivation paste on the stainless steel surface to ensure that the entire area to be treated is covered; For small areas of welds, weld spots or welds, you can use a brush to apply directly; for large tanks, you can use a roller brush to apply, pay attention to the strength and thickness;
3. Standing reaction: After application, let the passivation paste stay on the stainless steel surface for a period of time to fully exert its chemical effect;The specific time depends on the product manual or technical requirements, usually ranging from 15 minutes to 1 hour;
4. Cleaning and removal: Use clean water or appropriate cleaning agents to thoroughly rinse off the passivation paste and its reaction products to ensure that there is no residue on the surface;For workpieces with more irregular shapes and concave and convex corners, the cleaning intensity should be strengthened to prevent any acid pickling passivation paste residue;
5. Drying and inspection: Let the treated stainless steel parts dry naturally or use drying equipment to dry them.



Rust remover



Name	Rust remover
Model	JC-W608
Appearance	Transparent liquid
Odor	No irritating smell
Storage Conditions	1. Store in a cool, dry area and keep the container tightly closed. 2. Regularly check the container for leaks or damage.
PH (Stock Solution)	4±0.5

► Product Features

1. It can quickly penetrate into the rust layer and remove it, effectively removing rust, oxides and other corrosive substances on the metal surface, and restoring the original luster and quality of the metal;
2. It will not cause corrosion or other damage to the metal substrate, and can maintain the structure and performance of the metal;
3. It adopts a green formula, meets environmental protection standards, and is user-friendly and environmentally friendly;
4. It has a wide range of uses and is suitable for various metal surfaces, such as steel, stainless steel, aluminum alloy, etc.

► Usage Effect



Before rust removal



After rust removal



Before rust removal

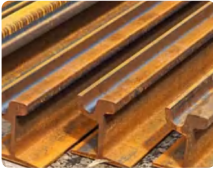


After rust removal

► Applicable Scope

Rust removers are widely used in manufacturing, surface treatment, hardware processing, automobile maintenance, construction, ship maintenance, railway, aerospace, precision manufacturing, electronic manufacturing, oil and gas industry, metal smelting and other industries. The main function is to remove rust, oxides and impurities on the metal surface, provide a clean metal surface for subsequent processes, and ensure processing quality and product performance.

▶ Customer Use Cases



Steel



Hardware Products



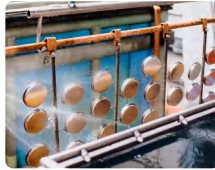
Precision Parts



Automotive Industry



Ships



Before surface
treatment



Industrial Machinery



Doors and Windows

[Usage Instructions]

Workpiece surface washing - rust removal → rinse with clean water → next process
The above processes can be increased or decreased according to actual conditions:

1. Soaking and cleaning: Mainly for various hardware parts and mechanical small parts, dilute the core product with water 5-10 times according to the severity of the rust layer, Soak the product to be rusted for 2-3 minutes and then remove it and wash it with water;
2. For the treatment of heavy rust layers on the surface of mechanical equipment and large steel structures, the core product can be diluted 3-5 times, and then sprayed on the surface of the rust layer with a spray bottle, and wait for it to react for 3-5 minutes. After the rust layer falls off, rinse it with cleaning and the surface will be bright as new.

Grinding and polishing liquid



Name	Grinding and polishing liquid
Model	JC-YMY-2
Appearance	Grinding and polishing liquid
Odor	Slight odor
Storage Conditions	Store in a cool, dry and well-ventilated place
PH (Stock Solution)	7±1

► Product Features

1. The effect is uniform, and it can effectively remove tiny bumps and defects on the surface to achieve a smooth and flat surface;
2. The delicate polishing effect improves the surface gloss and reflectivity to meet the needs of high-precision processing;
3. The substrate is protected, and the formula is mild, which does not damage the substrate or affect the material performance;
4. It does not contain heavy metals or harmful substances, and meets environmental protection requirements and industry standards;
5. It supports various chemical customizations and can provide exclusive formulas according to customer needs to meet the requirements of different materials, surface roughness and gloss.

► Usage Effect



Before polishing

After polishing

Before polishing

After polishing

► Applicable Scope

Grinding and polishing fluids are widely used in precision manufacturing, hardware processing, automobile manufacturing, mold processing, electronic components, aerospace and other industries. They are mainly used to improve the surface flatness and glossiness of materials, effectively remove burrs, scratches, oxide layers, tiny protrusions and uneven traces and processing residues, and protect the surface of materials. Its high efficiency, environmental protection and multi-material compatibility make it an ideal choice for precision manufacturing and high-quality surface treatment.

▶ Customer Use Cases



Stainless Steel



Aluminum Alloy



Copper



Stone



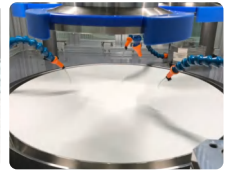
Car Wheels



Glass Processing



Ceramic Parts



Semiconductor

[Usage Instructions]

1. Usage: Use a stainless steel tank, clean it, prepare the solution according to the proportion and stir it evenly, and use it with different grinding equipment such as vibration grinder, drum grinder, magnetic grinder, etc;
2. Slotting ratio: JC-YMY-2 grinding and polishing liquid 1: 10-20 times water dilution;
3. Grinding time: 15-30min.

(Specific process parameters can be adjusted appropriately according to the customer's workpiece conditions and on-site processes)



Domestic sewage



Name	Domestic sewage
Model	JC-LG15
Appearance	Yellow viscous liquid
Odor	Slight odor
Storage Conditions	Store in a cool, dry and well-ventilated place
PH (Stock Solution)	10±1

► Product Features

1. It can remove fine scratches, oxide layers and flaws on the surface of stainless steel to achieve a smooth and uniform surface;
2. It provides a mirror effect, improves the gloss of the stainless steel surface and restores its original brightness;
3. The formula meets environmental requirements, is safe to operate, and is applicable to strict environmental standards;
4. Whether it is brushed, mirrored, matte or other treated surfaces, it can effectively brighten the gloss;
5. After being treated with brightener, the stainless steel surface can maintain brightness and gloss for a long time;
6. It is suitable for mass production and large-scale industrial applications, saving time and labor costs.

► Usage Effect



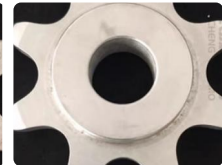
Before polishing



After polishing



Before polishing



After polishing

► Applicable Scope

Stainless steel brightener is widely used in metal processing, automobile manufacturing, kitchen equipment, decorative materials, electronic accessories and other industries. It is mainly used for fine grinding and polishing of stainless steel surfaces, removing surface defects, oxide layers and fine scratches, improving gloss and restoring mirror effects. At the same time, it can form a protective film on the surface, effectively preventing oxidation and rust, extending the service life of the product, and reducing the need for later maintenance. It is an ideal choice for improving the appearance and durability of stainless steel products.

▶ Customer Use Cases



Building Home



Home Appliance



Surgical Instruments



Bathroom



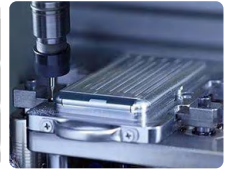
Doors and Windows



Automotive



Mold Manufacturing



Mobile Phone Case

[Usage Instructions]

1. Usage: Use a stainless steel tank, clean it, prepare the solution according to the proportion and stir it evenly, and use it with different grinding equipment such as vibration grinder, drum grinder, magnetic grinder, etc;
2. Slotting ratio: JC-LG15 stainless steel brightener 1: 20-30 times water dilution;
3. Grinding time: 15-30min.

(Specific process parameters can be adjusted appropriately according to the customer's workpiece conditions and on-site processes)



Grinding fluid



Name	Grinding fluid
Model	HP-360
Appearance	Light yellow liquid
Odor	Slight odor
Storage Conditions	Store in a cool, dry and well-ventilated place
PH (Stock Solution)	10±1

► Product Features

1. Excellent cooling and lubrication effect, effectively dissipating heat during the grinding process, preventing excessive temperature from causing thermal deformation of materials or excessive wear of tools;
2. Providing high-quality lubrication, reducing friction during the grinding process, reducing heat generation, and extending the service life of tools;
3. Providing a constant cooling effect to ensure stability and consistency during the grinding process and reduce processing errors;
4. Anti-oxidation, anti-odor and anti-rust protection, effectively preventing oxidation, rust, odor and corrosion of metals during the grinding process;
5. Adopting an environmentally friendly formula, non-toxic and harmless, in line with safety standards, simple waste liquid treatment, does not contain harmful ingredients, and meets environmental emission requirements.

► Usage Effect



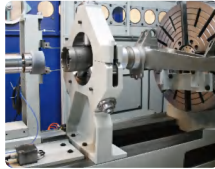
► Applicable Scope

Grinding fluids are widely used in many industries such as mechanical processing, automobile manufacturing, aerospace, mold processing and precision equipment production. Mainly used in surface grinding, external cylindrical grinding, internal cylindrical grinding, centerless grinding and other grinding processes, especially suitable for precision parts Efficient processing. It is suitable for a wide range of materials, including carbon steel, stainless steel, cast iron, alloy steel, tool steel and other black Metals and some non-ferrous metals. By providing good cooling, lubrication and cleaning performance, it can significantly improve machining accuracy and efficiency. At the same time, it can extend the service life of abrasive tools and equipment.

▶ Customer Use Cases



Surface Grinding Machine



Internal Grinding Machine



External Cylindrical Grinding Machine



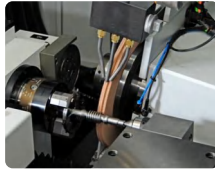
Centerless Grinding Machine



Gantry Grinding Machine



Tool Grinder



Thread Grinding Machine



Double end Grinding Machine

[Usage Instructions]

Adjust the concentration according to the type of processing:

1. For general cutting and wire cutting, it is recommended to use a concentration of 5-10%, that is, dilute with 10-20 times of tap water;
2. Grinding requires a concentration of 3-4%, which is diluted with more than 25 times of water.

Process:

1. Pour the grinding fluid into the special tank of the machine tool and add 20 times of clean water for full stirring;
2. During use, the grinding fluid will gradually become dirty due to contamination. When there are too many iron filings, it should be cleaned in time;
3. If the cutting fluid turns black or has an odor, it should be replaced with a new fluid immediately;
4. When discharging and updating the grinding fluid, be sure to ensure that the bottom of the tank is clean to avoid contaminating the new fluid. In order to maintain the stability of the solution, the recommended concentration is 4-5% for grinding and 6-15% for heavy-duty processing. When preparing, the working fluid should be added in proportion to the clean processing tank, and the machine should be started for a 10-minute cycle before use.



Electrolytic polishing salt



Name	Electrolytic polishing salt
Model	JC-D195
Appearance	White powder
Odor	Odorless
Storage Conditions	Store in a cool, well-ventilated place
PH (Stock Solution)	4±0.5

► Product Features

1. It can quickly remove the oxide layer, scratches and other defects on the metal surface and restore the luster of the metal;
2. It provides a uniform electrolytic polishing effect, improves the surface flatness and smoothness, and avoids local over-polishing;
3. It reduces the surface roughness and improves the precision and aesthetics of the processed surface;
4. It uses non-toxic and harmless chemical components, which is harmless to operators and the environment.

► Usage Effect



Before use



After use



Before use



After use

► Applicable Scope

Electrolytic polishing salt is widely used in the surface treatment of stainless steel, aluminum alloy, copper and its alloys, especially in the medical equipment, food processing equipment, auto parts, home appliances and other industries. Its main features include efficient electrolytic polishing ability, which can quickly remove oxide layers and defects, improve the gloss and smoothness of metal surfaces, and achieve a mirror effect. At the same time, electropolishing salt can form a protective film on the metal surface, enhance corrosion resistance and extend service life. Its environmentally friendly, non-toxic formula and easy waste liquid treatment make it an ideal metal surface treatment product.

▶ Customer Use Cases



Medical Devices



Kitchenware



Metal Decoration



Pharmaceutical



Chemical Equipment



Precision Parts



Auto Parts



Food Processing

[Usage Instructions]

Usage: Use a stainless steel tank as a container, clean it, prepare the solution in proportion and stir it evenly, and use it with ultrasound;

Use temperature: 93-100°C;

Slotting ratio: JC-D195 electropolishing salt (5-8%)

Cleaning time: 3-5min.

(Specific process parameters can be adjusted appropriately according to the workpiece situation)

Process flow: hanging-*plasma polishing (SH-195 electropolishing salt)-water washing->water washing-neutralization-*water washing-water washing-*water washing->drying



Chemical polishing liquid



Name	Chemical polishing liquid
Model	JC-2403
Appearance	Colorless transparent to slightly white liquid
Odor	Faint smell
Storage Conditions	Store in a cool, well-ventilated place.
PH (Stock Solution)	11±1

► Product Features

1. It can quickly penetrate into the rust layer and remove it, effectively removing rust, oxides and other corrosive substances on the metal surface, and restoring the original luster and quality of the metal;
2. It will not cause corrosion or other damage to the metal substrate, and can maintain the structure and performance of the metal;
3. It adopts a green formula, meets environmental protection standards, and is user-friendly and environmentally friendly;
4. It has a wide range of uses and is suitable for various metal surfaces, such as steel, stainless steel, aluminum alloy, etc.

► Usage Effect



Before use



After use



Before use



After use

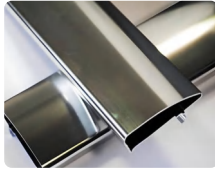
► Applicable Scope

Rust removers are widely used in manufacturing, surface treatment, hardware processing, automobile maintenance, construction, ship maintenance, railway, aerospace, precision manufacturing, electronic manufacturing, oil and gas industry, metal smelting and other industries. The main function is to remove rust, oxides and impurities on the metal surface, provide a clean metal surface for subsequent processes, and ensure processing quality and product performance.

▶ Customer Use Cases



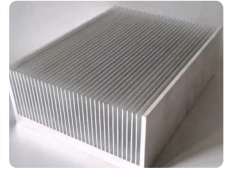
Aluminum alloy parts



Aluminum Profile



Mobile phone case



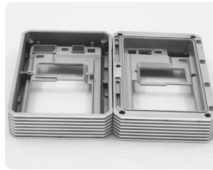
Aluminum heat sink



Aluminum wheels



Aluminum housing



Die-cast aluminum



Precision Parts

[Usage Instructions]

1.6 series aluminum: ratio: JC-2403 alkaline polishing liquid 50%; temperature: 55-60°C; time: 80-120s;

2.7 series aluminum: ratio: JC-2403 alkaline polishing liquid 50%; temperature: 50-55°C; time: 20-40s;

(Process parameters can be adjusted according to actual operation conditions).

Process flow: JC-AA60 aluminum cleaning agent (concentration: 8-12%, temperature: room temperature, time: 180s) - five water washes - JC-2403 alkaline polishing liquid (concentration: 50%, temperature: 50-55°C, two water washes time: 100s).

Rust Preventive Liquid

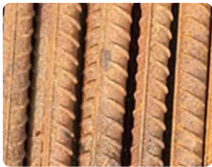


Name	Rust Preventive Liquid
Model	HJ-104
Appearance	Colorless transparent liquid
Odor	No irritating smell
Storage Conditions	Store in a cool, dry and well-ventilated place
PH (Stock Solution)	9±1

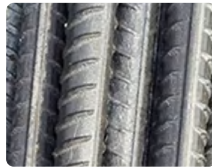
► Product Features

1. The anti-rust effect is long-lasting, forming a protective film on the metal surface, effectively isolating moisture and oxygen in the air to prevent rust;
2. It is suitable for a variety of environments, including harsh conditions such as humidity, high temperature, acid and alkali, protecting metals from different types of corrosion;
3. It will not leave greasy or residue after drying, and will not affect subsequent processing, painting or surface treatment, ensuring that the metal surface is always in the best condition.
4. It does not contain toxic and harmful substances, complies with environmental regulations, and is user-friendly and environmentally friendly;
5. It effectively extends the storage period and service life of metal products, ensuring that the metal surface is always in the best condition.

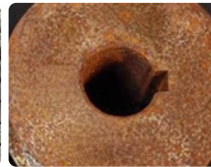
► Usage Effect



No Rust



After Rust Prevention



No Rust



After Rust Prevention

► Applicable Scope

Anti-rust liquid is widely used in machinery manufacturing, automobile industry, metal processing, construction engineering, shipbuilding, aerospace, railway transportation, electronic equipment, steel production, home appliance manufacturing, petrochemical industry and other industries. Its main function is to prevent metal materials from rusting during transportation, storage and use, by forming a protective film on the metal surface to effectively isolate moisture and oxygen. Anti-rust liquid can improve the corrosion resistance of metal parts, extend their service life, and maintain the long-term stability of their appearance and functions.

▶ Customer Use Cases



Metal products



Metal Parts



Aerospace



Automotive



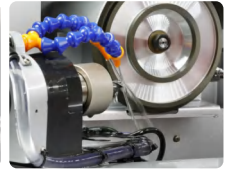
Electronics



Metal Materials



Machining



Grinding and polishing

[Usage Instructions]

1. Before using the anti-rust liquid, the first step is to ensure that the surface of the object to be rusted is clean. Be sure to remove all remaining debris, stains and impurities, and ensure that the surface is dry and free of moisture.
2. This anti-rust liquid is used to add protection against corrosion of workpieces and equipment during industrial manufacturing processes. It is mostly used for rough processing, medium processing, and fine processing. The water dilution ratio is 1:20.



Antifoaming Agent



Name	Antifoaming Agent
Model	JC-10
Appearance	Milky white liquid
Odor	No odor
Storage Conditions	Store in a cool, well-ventilated place
PH (Stock Solution)	7.5±1

► Product Features

1. It has a rapid defoaming effect, which can eliminate the foam generated during water treatment in a short time and keep the system running stably. It can effectively inhibit the re-generation of foam and ensure long-term stability.
2. Applicable to various water treatment processes, including wastewater treatment, industrial water treatment, drinking water treatment, etc., and can be used in different environments and conditions play a role;
3. Use a small amount to achieve the ideal defoaming effect, reduce the cost of use and improve economy;
4. High-efficiency formula, a small amount of addition can achieve significant defoaming effect and effectively reduce production costs;
5. Compatible with common chemicals and additives in water treatment process, will not affect the effect of other water treatment agents, and will not affect water quality Cause negative impact;
6. No greasy or insoluble matter will be left after use, ensuring the water is clean and not affecting subsequent treatment;
7. It adopts an environmentally friendly formula, does not contain harmful substances, meets environmental protection requirements, and is non-toxic to humans and water bodies.

► Usage Effect



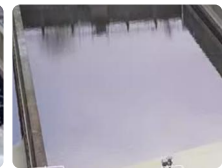
Before use



After use



Before use



After use

▶ Customer Use Cases



Sewage Plant



Chemical Plant



Rinsing Pool



Textile Factory



Electroplating Plant



Printing House



Power Plant



Paper Mill

▶ Applicable Scope

Applicable to PCB process, chemical industry, electroplating, printing and dyeing, papermaking, medicine, water-based ink, ceramic slitting, steel plate cleaning, aluminum processing, various sewage treatment and industrial water system defoaming and foam suppression. Prevent foam from interfering with water treatment equipment and processes, and quickly destroy the foam structure. Defoaming agents ensure the stable operation of the water treatment system and the smooth progress of the production process.

[Usage Instructions]

JC-10 defoamer stock solution is diluted with water at a ratio of 1:20-30.



Suspending Agent

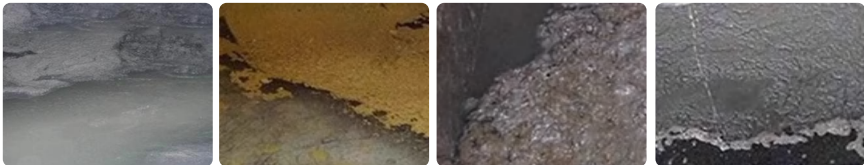


Name	Suspending Agent	
Model	JC-332A	JC-332B
Appearance	Colorless to slightly white liquid	Colorless transparent viscous liquid
PH (Stock Solution)	2~3	6~8
Odor	Faint smell	
Storage Conditions	Store in a cool, well-ventilated place.	

► Product Features

1. Effectively prevent paint residue deposition, making pollutants evenly suspended in water for subsequent separation and treatment;
2. Easy to diffuse in circulating water and combine with polluted particles to improve the separation efficiency of paint residue;
3. Suitable for circulating water treatment in solvent-based paints, water-based paints and various coating processes, with strong compatibility;
4. Does not chemically react with paint or other additives in the coating system, and has stable long-term use effect;
5. The ingredients are environmentally friendly and non-toxic, meet industry environmental protection standards, and are harmless to operators and the environment.

► Usage Effect



► Applicable Scope

Suspending agents are widely used in coating processes in the fields of automobile manufacturing, home appliance industry, mechanical equipment spraying, aerospace, shipbuilding, etc., mainly for spraying circulating water treatment and paint falling management. In the paint shop, suspending agents improve the separation effect of pollutants in the circulating water, keep the paint residue particles suspended or evenly distributed, improve the separation efficiency of paint residue, avoid deposition and clogging of equipment, ensure the stable operation of equipment, and reduce the cost of wastewater treatment. It is an indispensable auxiliary agent for modern industrial coating.

▶ Customer Use Cases



Car Painting



Home Appliance Coating



Aerospace Coating



Ship Painting



Metal Coating



Building Materials Coating



Plastic Coating



Automatic Coating Line

[Usage Instructions]

Suspending agents are chemicals used for coating circulating water treatment and paint fall treatment. This product is produced using the world's leading technology from the United States. The new generation of famous environmentally friendly products produced by us has been marketed in various industrial coating systems with very significant effects.

This series of products is a two-component product consisting of agent A and agent B. Dose A and dose B are used together in a 1:1 ratio. According to the water in the water curtain cabinet The total weight is measured and the dosage is calculated according to the ratio of 2.5-3 kg/ton of water. In order to achieve the best treatment effect of the agent, NaOH needs to be used to adjust the spray paint The pH value of circulating water should be between 8 and 9.

Dosage:

The amount of agent A used is related to the amount of paint sprayed, and depends on the type of paint, the amount of paint oversprayed, the coating circulating water system, and the residence time.

Slag removal equipment and other requirements. Generally, the dosage of Agent A should be increased for paints with greater viscosity, and the dosage of Agent A should be increased for paints with less viscosity and heavier weight.

The dosage of agent B is increased. Please determine the appropriate dosage based on system requirements and test results.



Ammonia nitrogen remover



Name	Ammonia nitrogen remover
Model	JC-MA05
Appearance	Light yellow liquid
Odor	Faint smell
Storage Conditions	Store in a cool, well-ventilated place.
PH (Stock Solution)	10±1

► Product Features

1. Fast reaction speed, greatly shortening the treatment process and reducing treatment costs;
2. The product is easy to add and use, and has good operability;
3. After addition, the ammonia nitrogen in the wastewater is converted into water-insoluble ammonia nitrogen, nitrogen dioxide, nitric oxide and water;
4. High removal efficiency, with the characteristics of small addition amount and high solubility;
5. The catalytic component in the product converts the ionic ammonia nitrogen in the wastewater into a free state and has the effect of assisting in removing COD and decolorizing.

► Usage Effect



► Applicable Scope

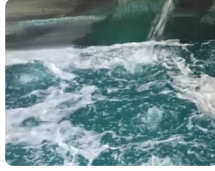
Ammonia nitrogen removers are widely used in sewage treatment plants, printing and dyeing, food, chemical industry, papermaking, electroplating, breeding, anodizing, pharmaceuticals, etc. to remove ammonia nitrogen from wastewater and purify urban domestic sewage. It can be used for various industrial wastewater treatment processes, including ink, packaging printing, auto parts, machinery, painting, surface treatment, coatings, paints, electroplating, papermaking, food, printing and dyeing, bleaching and dyeing, leather making, etc.

This product is suitable for treating low to medium concentrations of ammonia nitrogen (generally within 100 mg/L). It is added directly at the back end without the need for warm coagulation and precipitation, and will not produce flocs.

▶ Customer Use Cases



Textile Industry



Electroplating industry



Petrochemical



Food Industry



Paper Mill



Pharmaceutical Factory



Industrial wastewater



Domestic sewage

[Usage Instructions]

Measured by volume ratio, dye wastewater: ammonia nitrogen remover = 20:3

1. First add the decolorizer to the measured volume of dye wastewater, start aerating or stirring or mechanical stirring for 15 minutes to allow the dye in the dye wastewater to be fully oxidized and removed;
2. Let it stand for 3-4 hours to make it a light yellow liquid;
3. Then add nitric acid to it, the ratio of addition is 1/5 of the above liquid.



Bactericidal and Algaecidal Agent



Name	Bactericidal and Algaecidal Agent
Model	JC-M63
Appearance	Transparent liquid
Qdor	Faint smell
Storage conditions	Store in a cool, well-ventilated place.
PH (Stock Solution)	8~9

► Product Features

1. It has excellent killing effect on many common harmful microorganisms in water (such as bacteria, fungi, algae, etc.), is suitable for different types of water quality, and can treat a variety of pathogens and algae;
2. It can quickly take effect, control the reproduction of fungi and algae in the water body, and the growth of slime, and has a quick effect, reducing the time of water treatment;
3. Maintain the inhibitory effect for a certain period of time, prevent the re-growth of microorganisms and algae, and keep the water clean;
4. It adopts an environmentally friendly and safe formula, and with reference to the dosage, it will not cause secondary pollution to the water body or damage the ecosystem;
5. It adapts to a variety of water quality conditions, including high temperature and environment with large pH changes, and plays a stable role.

► Usage Effect



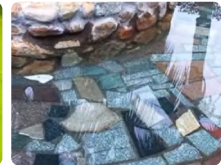
Before use



After use



Before use



After use

► Applicable Scope

Bactericidal and Algaecidal Agent is widely used in water treatment, industrial circulating cooling water, swimming pools, aquaculture, sewage treatment, and other fields. It works by oxidizing, reducing, or chemically reacting to destroy the cell membrane, cell wall, or proteins of microorganisms, leading to the loss of function or death of the cells. This product is in high demand in many factories, including water treatment plants, industrial circulating water systems, industrial reservoirs, landscape pools, cooling towers, central air conditioning systems, pulp and paper mills, chemical plants, food and beverage processing plants, aquaculture farms, pharmaceutical factories, and textile mills.

▶ Customer Use Cases



Cooling tower



Fountain landscape



Wastewater treatment



Industrial water storage tank



Water circulation system



Central air conditioning



Power plant circulating water



Breeding pond

[Usage Instructions]

1. According to the instructions of the fungicide algicide, mix the mixture according to the ratio of water quality, water volume and pool area. Generally speaking, 1 liter of fungicide algicide can treat 10-20 cubic meters of water;
2. Confirm that the PH value of the pool water is between 7.2-7.6 and turn on the water circulator. Fungicides should be used when the water temperature is above 20 degrees, and it is best to use them after the sun sets;
3. Pour an appropriate amount of fungicide and algicide evenly into the pool water. Generally, the fungicide needs to be added in batches, and half of the dose can be added each time, and mixed after adding;
4. According to the time interval for use according to the dosage, check the water quality every 2-3 days to ensure that there is enough fungicide in the pool water;
5. The fungicide concentration in the water body begins to stabilize after 4-6 hours, so it is necessary to filter it after the first addition of fungicide after treatment, and repeat it several times; 6. Note that the amount of fungicide used should not be excessive, otherwise it will affect human health and may also have adverse effects on aquatic plants and animals. It must be used strictly according to the dosage.

Provide professional surface treatment solutions for global customers



✉ : zhengjiping@jichuan-chemical.com

☎ : (+86)138 2921 5664/136 3179 8281

🌐 : www.jichuan-chemical.com

🏠 : Room 403, Unit 2, Building 1, No.9 Keji2nd Road, Songshan Lake Park, Dongguan City, Guangdong Province, China.