Products

GW2066 is a new generation water-based cleaning agent is compounded by composite surfactant, penetrant, degreasing agent and corrosion inhibitor. It is a self-developed high-tech innovative product specially designed for cleaning and printing stencil steel mesh, copper mesh and plastic. Misprinted, misprinted uncured solder paste residue on the Internet and on the PCB. This product does not contain environmentally-banned ODS substances and RoHS-compliant banned substances. It is biodegradable, non-combustible and safe to store. It is a green water-based cleaning agent.

Features

- Clean the welding fixtures, tools and detachable parts of wave furnace and reflow furnace, with fast cleaning speed and good cleaning effect.
- It has good compatibility with materials such as fixtures and tools, without adverse reactions.
- Deionized water is used as a solvent, does not burn, and is safe to use for transportation.
- This product is a green product, completely halogen-free, in line with ROHS, REACH and other relevant environmental protection regulations.
- It is non-toxic to the environment and human body and biodegradable.
- Wide process window, good cleaning power, can be widely used in various cleaning methods, cleaning equipment and processes

Scope of application

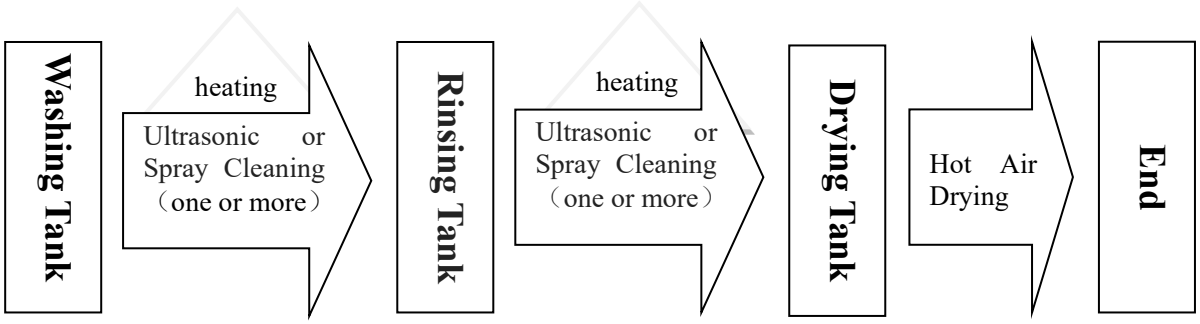
This product is suitable for cleaning misprinted and misprinted uncured solder paste residues on printed stencil steel mesh, copper mesh, plastic mesh and PCB.

Applicable process

Cleaning method	Cleaning fluid	Cleaning fluid	Drying method
Spray	GW2066	Deionized water	Hot air circulation
Ultrasonic	GW2066	Deionized water	Hot air circulation
soak	GW2066	Deionized water	Hot air circulation

Process Control

- Cleaning is usually done by ultrasonic, spray, etc., and a small part is soaked and hand-washed.
- The cleaning time is 15 to 30 minutes, and the specific time can be adjusted according to the requirements of the product to be cleaned.
- The optimum temperature of the cleaning solution and the rinsing liquid is controlled at 45 to 55 ° C, and the specific time can be adjusted according to the requirements of the product to be cleaned.
- After cleaning for a period of time, the residue in the cleaning agent will increase, causing the cleaning strength to decrease. The cleanliness of the cleaning parts will be deteriorated after washing. According to the actual use, the cleaning agent in the tank should be periodically added and replaced. Depending on the number of networks).
- After rinsing for a period of time, the cleaning agent in the rinsing liquid will increase, causing the cleanliness of the cleaned parts to deteriorate. It is recommended to periodically replace the rinsing liquid for 4 hours according to the actual experience (depending on the number of stencils to be cleaned).
- According to the actual requirements of the products being cleaned, the typical process flow is:



Technical specifications

Test Items	Specifications
Physical state/shape	Transparent or turbid liquid
Specific Gravity(g/cm^3@20℃)	0.985±0.020
pH	12.5±1.00
Cleaning Temperature(℃)	30.00～60.00
Flammability	No
RoHS	PASS
Halogen （ppm）	ND

❁Packing

Plastic bucket : 20kg/barrel，25 kg /barrel，200kg / barre。

❁NOtice

- After the product is unsealed and removed, the lid must be tightly closed to prevent the cleaning agent from evaporating.
- Do not put the used cleaning agent and the unused cleaning agent in the same packaging drum. After the cleaning agent is opened, if there is any remaining cleaning agent in the barrel, it should not be placed in the air. Tighten the lid as soon as possible.
- The container of the cleaning agent should be kept clean to prevent dirt and other substances from being mixed into the cleaning agent, which affects the quality of the cleaning agent.
- After the product is unsealed and removed, the lid must be tightly closed to prevent the cleaning agent from evaporating.
- Do not put the used cleaning agent and the unused cleaning agent in the same packaging drum. After the cleaning agent is opened, if there is any remaining cleaning agent in the barrel, it should not be placed in the air. Tighten the lid as soon as possible.
- The container of the cleaning agent should be kept clean to prevent dirt and other substances from being mixed into the cleaning agent, which affects the quality of the cleaning agent.

❁Safety precautions

- Sealed and stored in a cool, ventilated place, direct sunlight, high heat and strong acid are strictly prohibited.
- It is best to wear an organic solvent-proof mask when working in high-density close-contact.
- Wear long-wear butyl rubber, clear rubber and other materials, anti-seepage gloves and protective clothing, work boots to avoid prolonged skin contact.
- When adding a cleaning agent, it is best to wear safety glasses to prevent it from being sprayed on your eyes.

❁Hazards Summarizing

- Liquid substance, mildly irritating to the skin, biodegradable, irritating to aquatic organisms, not easy to burn, chemically stable.
- Not edible.
- For safety precautions, please refer to the MSDS of this product.

Notes:The above process parameters are recommended values for extensive testing by the VITAL Application Lab and our sales representatives will assist you in optimizing your process parameters.