



CLEANING

TOPKLEAN™ EL 606

STENCIL CLEANING
AQUEOUS SPRAY & IMMERSION PROCESS
FAST CLEANING WITH VERY LOW HSE IMPACT

BENEFITS

TOPKLEAN EL 606 is especially designed to clean stencils and misprinted PCB's from unsoldered solder paste used in SMT processes. Most uncured SMT adhesives can also be cleaned.

It's delivered as a pure product and need to be mixed with DI water. The neutral pH of TOPKLEAN EL 606 guarantees a long lasting use of stencils and stencil cleaning equipment of current renowned brands on the market.

PERFORMANCE	<ul style="list-style-type: none"> ▪ Excellent & fast cleaning even with a neutral pH ▪ No foaming ▪ Long bath life due to excellent filterability
COST	<ul style="list-style-type: none"> ▪ No rinsing needed, reducing consumption of water ▪ Cleaning at room temperature, reducing energy needs ▪ Fast cleaning cycles possible
HSE	<ul style="list-style-type: none"> ▪ pH neutral, non-corrosive for equipment & operators ▪ Non-flammable & no flashpoint, eliminating the need for explosion proof equipment ▪ No VOC according to 1999/13/CE for Europe ▪ Low environmental impact: GREENWAY product

SPECIFICATIONS

SPECIFICATIONS	VALUES	METHODS
Aspect	Transparent, colorless	Visual
Density at 20°C	0.95 ± 0.05 g/ml	Internal / BRY MO 028

CHARACTERISTICS

CHARACTERISTICS	VALUES
pH	Neutral
Flash point	No
Water solubility	Partial
Solvent solubility	Total

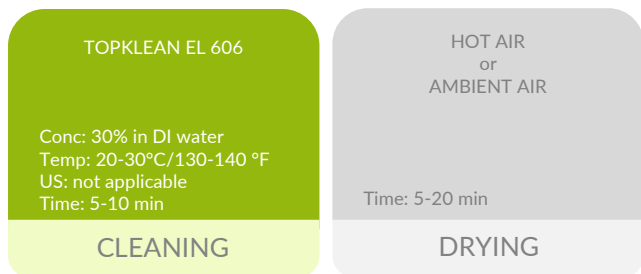
PROCESS RECOMMENDATION

The best process will depend on factors such as operating conditions, equipment, desired cleaning time and the nature of contaminants. Our team is ready to advise you.

- This product is specially developed to clean at room temperature. Heating the cleaning chemistry above 30°C/86°F may diminish the cleaning performance.
- Recommended dilution rate is 30% in volume. Depending on specific situations and based on testing in equipment the dilution rate can be lowered or increased.
- When using in an immersion process, make sure to have a circulating pump mixing constantly the cleaning chemistry.
- A PCA KIT is available to monitor the bath status by volumetric separation and compatibility report with different materials is available on request.

PROCESS EXAMPLE

Spray-in-Air



Immersion with circulating pump or immersed jets



PACKAGING, STORAGE & SHELF LIFE

- Keep products in closed original packaging and store at room temperature.
- Shelf life is minimum 18 months from production date when kept in recommended conditions.
- This product needs to be shaken well before use.

AVAILABLE PACKAGING



20 L CANISTER



250 L DRUM

Please verify the packaging details, including volume and availability, with your sales representative, as they may vary depending on the production facility where the product is manufactured.

HEALTH, SAFETY & ENVIRONMENT

TOPKLEAN EL 606 is a **GREENWAY** product. More info on our Greenway concept via this [link](#).



MAIN CONTRIBUTORS WHICH REDUCE IMPACT:

HUMAN HEALTH & SAFETY

- Non-flammable, no flashpoint & no EUH risk phrases
- Non-toxic, no corrosive impact & no S risk phrases
- Neutral pH

ENVIRONMENT PROTECTION & RESOURCES SAVINGS

- No environmental hazard: no H labelling regarding environment
- No VOC
- No GWP

Contains no Reach Substances (on Candidate list, Annex XIV & XVII) / Contains no persistent organic pollutant (EC 850/2004) / Contains no Import/Export Hazardous substances (EU 649/ 2012).

Please refer always to the Safety Data Sheet (SDS or MSDS) prior to use. Our SDS can be downloaded at www.quickfds.com. We will request to provide your email address, so we can automatically send you a new version of the SDS when a future update would occur.

TECHNICAL SUPPORT & FREE-OF-CHARGE TESTING

Inventec has a worldwide dedicated Technical Support team to help you along the various stages of our cooperation.

Depending on your request, we provide online or onsite support

- to select the right product based on your specific needs.
- to assist you in your product qualification process.
- to guide you with the initial set up of your process at all your worldwide manufacturing facilities.
- to provide fast response on technical issues which could occur at any time during mass production.

Customers are also welcome in our CLEANING CENTERS to see the process in action and to get convinced by our solutions. We cover water- and solvent based processes.

Inventec is unique in the world by developing not only cleaning materials but also soldering and coating solutions. These materials are very closely linked with each other from a process point of view. Talking to our Technical Team, who understands very well these 3 different product groups, will help you greatly to overcome technical challenges within your overall process.

Contact our technical support via contact@inventec.dehon.com or your local sales representative.

ABOUT INVENTEC

Inventec is a global provider of SOLDERING, CLEANING, COATING, COOLING materials for Electronic, Semiconductor and Industrial applications. For over 60 years we have shown leadership in innovation by putting HEALTH IMPACT, SUSTAINABILITY and RELIABILITY at the core of our product development.

With ISO 9001 & 14001 production sites in France, Switzerland, USA, Mexico, Malaysia and China we can guarantee a smooth and cost-effective supply chain.

We supply to many industries but the excellent performance of our products in applications which demand high reliability, leads us to focus especially on the AUTOMOTIVE, AEROSPACE, SEMICONDUCTOR, ENERGY and MEDICAL industry.

www.inventec.dehon.com



SOLDERING
CLEANING
COATING
COOLING

In accordance with the Annex II of Directive 2011/65/UE (RoHS), including its amendments, we certify that this product does not contain quantities above 0.1% of Hg, Pb, Cr VI, PBB, PBDE, DEHP, BBP, DBP, DIBP and above 0.01% of Cd

This data is based on information that the manufacturer believes to be reliable and offered in good faith. In no event will INVENTEC PERFORMANCE CHEMICALS be responsible for special, incidental and consequential damages. The user is responsible to the Administrative Authorities (regulations for the protection of the Environment) for the conformity of his installation.

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