



CLEANING

# TOPKLEAN™ EL 606

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

## 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 5 years from production date when kept in recommended conditions.
- This product needs to be shaken well before use.

## AVAILABLE PACKAGING



20L JERRYCAN

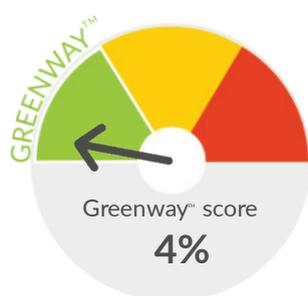


250L DRUM

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 &amp; SAFETY

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

## ENVIRONMENT PROTECTION &amp; 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).

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

Please refer always to the Safety Data Sheet (SDS or MSDS) prior to use. Our SDS can be downloaded at [www.quickfds.com](http://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

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Inventec has a worldwide dedicated Technical Support team to help you along the different stages of our cooperation. Depending on your request, we provide online or onsite support to:

- select the right product based on your specific needs
- assist you in your product qualification process
- guide you through the initial setup of your process at all worldwide manufacturing facilities
- provide a fast response to technical issues that may 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.

For the electronics manufacturing industry, Inventec offers a unique advantage by formulating and supplying soldering, cleaning, and coating solutions. These materials are closely interconnected from a process standpoint. Our Technical Team's expertise across all three areas helps you more effectively overcome technical challenges across your entire production process.

Contact our technical support via [contact@inventec.dehon.com](mailto:contact@inventec.dehon.com) or your local sales representative.

## ABOUT INVENTEC

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Inventec Performance Chemicals is a global B2B provider of Electronic Assembly Materials, Precision Cleaning Fluids, Protective Coatings and Thermal Management Fluids. 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 across the globe. Trusted across many industries, our solutions excel in automotive, aerospace, semiconductor, energy, and medical applications where reliability matters most.

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SOLDERING  
CLEANING  
COATING  
COOLING

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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