



CLEANING

PROMOCLEAN™ TP 125

REMOVAL OF BURNT RESIDUS, OXIDES, POLISHING PASTES, HEAVY GREASES & OIL
 AQUEOUS IMMERSION PROCESS
 COMPATIBLE WITH FERROUS ALLOYS & COPPER

BENEFITS

PROMOCLEAN TP 125 is especially designed for removal of strong pollutants in high quantities in an aqueous immersion process with ultrasonics. Its high pH allows efficient cleaning by saponification of heavy greases, oils, burnt residues, oxides and polishing pastes in metal parts production or for maintenance operations.

It's a concentrated product which is used diluted with DI water or tap water without risk of lime deposits, thanks to its excellent chelating properties

Promoclean TP 125 is dedicated for steel, iron, ferrous alloys & copper but cannot be used on sensitive metals like Aluminium or other light alloys.

PERFORMANCE	<ul style="list-style-type: none"> ▪ Cleans efficient all organic pollutants thanks to its high alkalinity ▪ Absorbs high quantity of pollutants ▪ Short rinsing time needed, despite being a high pH product.
COST	<ul style="list-style-type: none"> ▪ High cleaning power even at low concentration ▪ Cleans efficient even at low temperature: reduces energy cost ▪ Long bath-life due to its capacity to absorb organic pollutants including burnt residues
HSE	<ul style="list-style-type: none"> ▪ Non-toxic & no CMR substances ▪ Low chemical demand on oxygen for waste treatment ▪ Sustainable chelating agents without phosphorus ingredients ▪ Non-flammable

SPECIFICATIONS

SPECIFICATIONS	VALUES	METHODS
Aspect	Yellow	Visual
Density at 20°C (g/ml)	1,49 ± 0,02	BRY-MO-028
pH at 1%	12,8 ± 0,5	BRY-MO-011

CHARACTERISTICS

CHARACTERISTICS	VALUES
Surface tension at 1%	45 Dynes /cm ²
Solubility in water	totally soluble
Refractive index 20°C	1,43

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.

PROCESS EXAMPLE

Grease removal

PROMOCLEAN TP 125 Conc: 1-10 % in DI water Temp: 40-60 °C / 104-140 °F US: yes Time: 3-10 min	DI or TAP WATER Temp: 20-30 °C / 68-86 °F US: optional Time: 2-5 min	HOT AIR or VACUUM or DRYING SOLVENT Time: 5-20 min
CLEANING	RINSING	DRYING

Burnt residues removal

PROMOCLEAN TP 125 Conc: 10-50% in DI water Temp: 60-90°C / 140-194 °F US: yes Time: 5-30 min	DI or TAP WATER Temp: 20-30 °C / 68-86 °F US: optional Time: 2-5 min	HOT AIR or VACUUM or DRYING SOLVENT Time: 5-20 min
CLEANING	RINSING	DRYING

- Increasing the bath-life of your process can be achieved by adding an oil separator within the cleaning equipment and to add periodically concentrated product.
- A dedicated PCA Kit to monitor the bath status and compatibility report with different materials are available on request.

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.

AVAILABLE PACKAGING



20 Kg CANISTER



210 Kg DRUM

HEALTH, SAFETY & ENVIRONMENT

PROMOCLEAN TP 125 is **NOT** a **GREENWAY** product. Although fully in line with safety & environmental regulations, this product doesn't match our strict criteria to be labelled as a Greenway product. More info on our Greenway concept via this [link](#)



LOOKING FOR A MORE SUSTAINABLE SOLUTION?

GREENWAY ALTERNATIVE

- We currently don't have a Greenway alternative but our target is to develop one in the near future. In case you want us to prioritize the development of a Greenway alternative, do not hesitate to contact us.

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)

It is biodegradable according to regulation 648/2004 but must be neutralized and filtered before disposal in sewer system in accordance with local regulations. Neutralization and titration methods are available upon request.

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 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
- to assist you in your product qualification process
- to guide you with the initial set up of you 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 CLEANING, SOLDERING & COATING 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



S O L D E R I N G • C L E A N I N G • C O A T I N G

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

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.

Inventec Performance Chemicals – 26 rue de Coulons, 94360 Bry-sur-Marne, France
Limited company with capital of 600 000€ - 964 500 706 RCS Créteil