



CLEANING

PROMOCLEAN™ TP 1114

REMOVING POLISHING PASTES & OILS ON METAL PARTS
AQUEOUS IMMERSION PROCESS WITH ULTRASONICS
VERY LONG BATH LIFE & TEMPORARY PROTECTION

BENEFITS

PROMOCLEAN TP 1114 is especially designed for removal of polishing pastes, hydrocarbon & water-soluble oils in an aqueous immersion process with ultrasonics. Thanks to its medium pH, it doesn't damage most sensitive metals or alloys, like Inox, ferrous alloys, Titanium, Copper, Brass or light alloys. Likewise, it can be used on precious metals such as gold and silver. It's a concentrated product which is used diluted with DI or tap water and have a very long bath life even at low concentration.

Additional, PROMOCLEAN TP 1114 provides a medium temporary protection against corrosion thanks to its passivation properties. This makes the product particularly suitable for inter-operation before the next operational step, leaving the parts protected for 1-3 days (depending on environment conditions). In case higher level of temporary protection is needed, we recommend TP 1117.

PROMOCLEAN TP 1114 is qualified and used by several actors in the luxury watch, jewellery & medical parts manufacturing.

PERFORMANCE	<ul style="list-style-type: none"> ▪ Compatibility with most of sensitive metals ▪ Excellent dispersion of polishing compounds ▪ Does not leave spots or residues ▪ Good temporary protection against corrosion
COST	<ul style="list-style-type: none"> ▪ High cleaning power even at low concentration ▪ Very long bath-life
HSE	<ul style="list-style-type: none"> ▪ Non-toxic & no CMR substances ▪ Low environmental impact ▪ Non flammable

SPECIFICATIONS

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Aspect	Light brown	Visual
Density at 20°C (g/ml)	1,05 ± 0,01	BRY-MO-028
pH of pure product	11,0 ± 0,5	BRY-MO-011
pH at 1%	10,1 ± 0,5	BRY-MO-011

CHARACTERISTICS

CHARACTERISTICS	VALUES
Surface tension at 1%	28 Dynes /cm ²
Solubility in water	totally soluble

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



- For cleaning hard to remove polishing pastes, other products from the PROMOCLEAN range could be use in combination with PROMOCLEAN TP 1114 in order to improve process efficiency.
- A dedicated PCA Kit to monitor the bath status and compatibility report of PROMOCLEAN TP 1114 with different materials are available on request.
- It's key to determine the maximum time the metals can be exposed to the cleaning chemical. Although PROMOCLEAN TP 1114 will not damage metals under normal conditions, prolonged exposure may.

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

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 SOLDERING, CLEANING & COATING materials for Electronic, Semiconductor and Industrial applications. For over 40 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.

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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.

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