



CLEANING

PROMOCLEAN™ DEWAX+

REMOVING WAX, LIGHT OXIDES & MINERALS RESIDUES
AQUEOUS IMMERSION PROCESS WITH ULTRASONICS
PERFECT PHASE SEPARATION & SUSTAINABLE

BENEFITS

PROMOCLEAN DEWAX+ is especially designed for removal of wax after surface treatment, light oxides and mineral residues (such as lime or finger traces). It's a more sustainable alternative to chloride solvents. Due to ability to remove oxides it is also perfect to clean before coating or surface treatment like PVD but the right dilution and process parameters need to be confirmed.

It is used in an aqueous immersion process with ultrasonics. Having a medium acidic pH, it provides excellent cleaning performance and can be used on most metals such as inox, brass, aluminium, gold, silver and other ferrous - & copper alloys. It also gives a bright aspect to the metal surfaces after cleaning.

PROMOCLEAN DEWAX+ is a concentrated product which is used diluted with DI water or with tap water without risk of lime deposits thanks to its excellent chelating properties.

PERFORMANCE	<ul style="list-style-type: none"> ▪ Excellent wax disposal in the bath by phase separation ▪ Fast action due to synergy between acid & surfactants ▪ Good deoxidation power which gives a bright effect on surface ▪ No residues after rinsing: can be used before surface treatment
COST	<ul style="list-style-type: none"> ▪ High chelating power, reducing lime deposits: can be diluted in tap water ▪ High cleaning power even at low concentration
HSE	<ul style="list-style-type: none"> ▪ Non-toxic & no CMR substances ▪ No hazardous acid such as hydrochloric nitric or sulfuric acids. ▪ Non-flammable

SPECIFICATIONS

SPECIFICATIONS	VALUES	METHODS
Aspect	Dark yellow liquid	Visual
Density at 20°C (g/ml)	1,02 ± 0,01	BRY-MO 028
pH of pure product	4,7 ± 0,5	BRY-MO 011
pH at 1%	5,1 ± 0,5	BRY-MO 011

CHARACTERISTICS

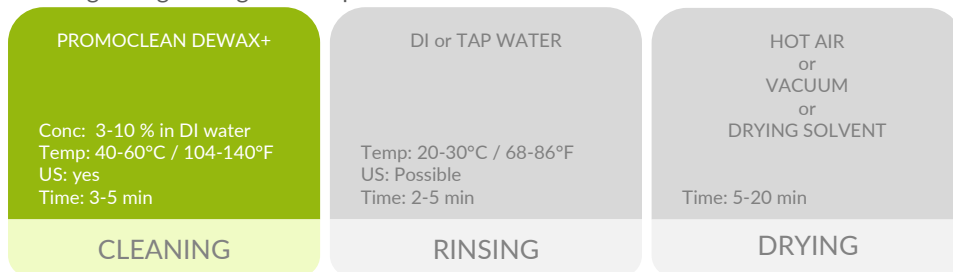
CHARACTERISTICS	VALUES
Surface tension at 1%	29 Dynes /cm ²
Solubility in water	totally soluble

PROCESS RECOMMENDATION

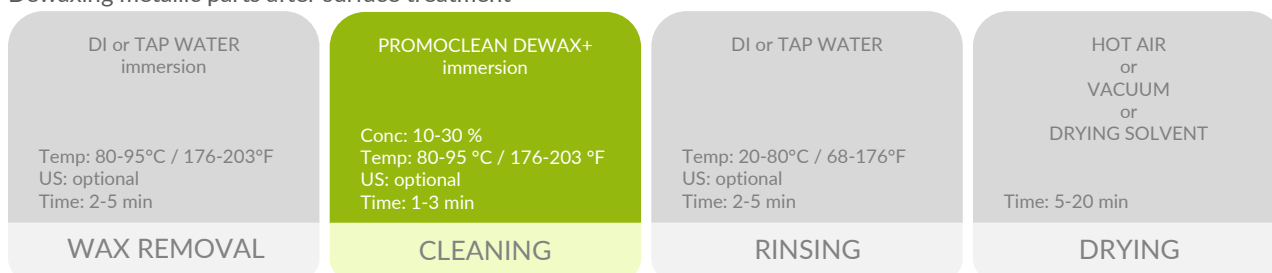
The best process will depend on factors such as operating conditions, equipment, desired cleaning time and the nature of contaminants. Our team is ready to advise you.

PROCESS EXAMPLE

Cleaning & brightening metallic parts before surface treatment



Dewaxing metallic parts after surface treatment



- For dewaxing an equipment with separation system is needed in the cleaning tanks.
- Dry ferrous metals immediately after rinsing to avoid corrosion.
- A dedicated PCA Kit to monitor the bath status and compatibility report with different materials are available on request.
- It's key to determine the maximum time materials can be exposed to the cleaning chemical. Although our cleaning products will not damage materials they are designed for 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

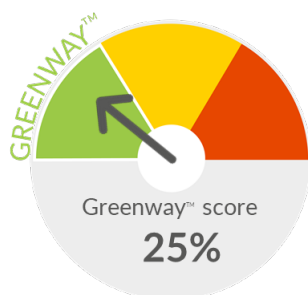


210 Kg DRUM

HEALTH, SAFETY & ENVIRONMENT

PROMOCLEAN DEWAX+ 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 -> eliminating the need for explosion proof equipment or special storage & transport
- Non-toxic

ENVIRONMENT PROTECTION & RESOURCES SAVINGS

- Low environmental impact: no H labelling regarding environment
- No GWP
- Very low VOC (<25% of VOC compound)
- Contains partial vegetable raw materials

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 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 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.

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