



CLEANING

PROMOCLEAN™ DISPER 800

REMOVAL OF FLUX RESIDUES
AQUEOUS SPRAY-IN-LINE & BATCH SPRAY PROCESS
EXCELLENT CLEANING EVEN AT LOW CONCENTRATION

BENEFITS

PROMOCLEAN DISPER 800 is especially designed for the removal of all types of flux residues after reflow. Thanks to its excellent antifoam properties it is dedicated for aqueous spray-in-line processes but could be also used for batch spray processes. Thanks to its controlled pH, PROMOCLEAN DISPER 800 is compatible with aluminium, copper & most other sensitive materials. It is a concentrated product which is used diluted with DI water, efficient from 10% of dilution. Its excellent surface tension allows optimal rinsing without residue or traces.

PROMOCLEAN DISPER 800 is suitable for high production rates thanks to its ability to solubilize quickly reflowed organic compounds.

| | |
|-------------|--|
| PERFORMANCE | <ul style="list-style-type: none"> ▪ Excellent solubilization of reflowed organic compounds ▪ No foaming ▪ Removes also oxidation residues on copper aluminum & sensitive materials |
| COST | <ul style="list-style-type: none"> ▪ High cleaning power even at low concentration ▪ Long bath-life ▪ Suitable for high production rates |
| HSE | <ul style="list-style-type: none"> ▪ Non-toxic & no CMR substances ▪ Low environmental impact ▪ Safety product: non-corrosive |

SPECIFICATIONS

| SPECIFICATIONS | VALUES | METHODS |
|------------------------|-----------------|------------|
| Aspect | Colorless clear | Visual |
| Density at 20°C (g/ml) | 0,930 ± 0,010 | BRY-MO-028 |
| pH at 15% | 2,7± 0,5 | BRY-MO-011 |

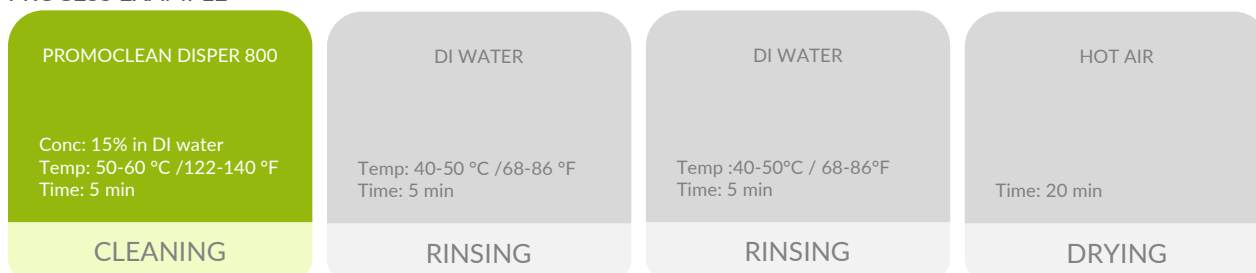
CHARACTERISTICS

| CHARACTERISTICS | VALUES |
|-------------------------------------|---------|
| Flash point | 92°C |
| Solubility in water | partial |
| Surface tension (dynes / cm) at 15% | 29 |
| Refractive index at 15% 20°C | 1.35 |

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



- Range of dilution in DI water: 10% to 25%
- Temperature: from 30 to 60°C for cleaning. Minimum 40°C for rinsing.
- A dedicated PCA Kit to monitor the bath status and compatibility report of PROMOCLEAN DISPER 800 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 DISPER 800 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 L CANISTER

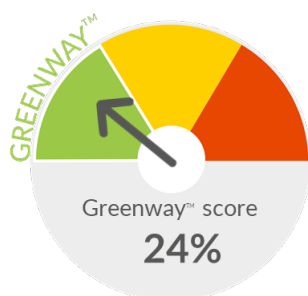


200 L DRUM

HEALTH, SAFETY & ENVIRONMENT

PROMOCLEAN DISPER 800 is a **GREENWAY** product.

More info on our Greenway concept via this [link](#)



MAIN CONTRIBUTORS WHICH REDUCE IMPACT:

HUMAN HEALTH & SAFETY

- Non-flammable & high flashpoint
- Low corrosive impact

ENVIRONMENT PROTECTION & RESOURCES SAVINGS

- No GWP
- Non-corrosive for equipment
- Low environmental impact: no H labelling regarding 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 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 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 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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