



CLEANING

# PROMOCLEAN™ DISPER 11

OIL REMOVING ON METALLIC PARTS WITH TEMPORARY PROTECTION  
 AQUEOUS SPRAY, FLUSH & IMMERSED JETS PROCESSES  
 COMPATIBLE WITH A WIDE RANGE OF METALS

## BENEFITS

PROMOCLEAN DISPER 11 is especially designed for removal of all types of oils. Thanks to its excellent antifoam properties it is dedicated for aqueous spray, flush or immersed jets processes. Its low alkalinity makes it compatible with most metals used in mechanical industry. It is a concentrated product which is used diluted with tap or DI water.

Additional, PROMOCLEAN DISPER 11 provides a temporary protection thanks to its passivation properties. This makes the product particularly suitable for inter-operation cleaning, leaving the parts protected for a few days before the next operational step.

PERFORMANCE	<ul style="list-style-type: none"> <li>▪ Cleans efficient many metals, including very sensitive ones</li> <li>▪ Protects ferrous alloys against corrosion after cleaning</li> </ul>
COST	<ul style="list-style-type: none"> <li>▪ High cleaning power even at low concentration</li> <li>▪ Long bath-life</li> <li>▪ Can be used in production &amp; maintenance</li> </ul>
HSE	<ul style="list-style-type: none"> <li>▪ Non-toxic &amp; no CMR substances</li> <li>▪ Low environmental impact : can be used without rinsing, reducing water consumption</li> <li>▪ Non-flammable</li> </ul>

## SPECIFICATIONS

SPECIFICATIONS	VALUES	METHODS
Aspect	Yellow	Visual
Density at 20°C (g/ml)	1,13 ± 0,02	BRY-MO-028
pH of pure product	10,1 ± 0,5	BRY-MO-011
pH at 1%	9,3 ± 0,5	BRY-MO-011

## CHARACTERISTICS

CHARACTERISTICS	VALUES
Solubility in water	totally soluble
Refractive index 20°C	1,42
Surface tension at 1% (dynes/cm)	36

## PROCESS RECOMMENDATION

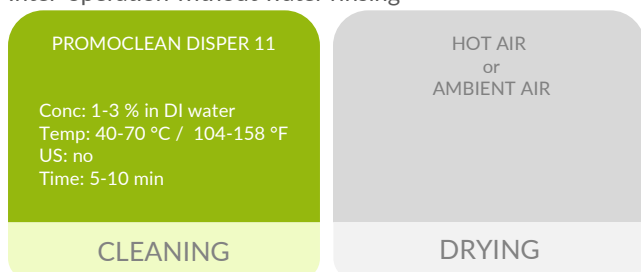
The best process will depend on factors such as operating conditions, equipment, desired cleaning time and the nature of contaminants. Our team is ready to advise you.

### PROCESS EXAMPLE

cleaning with water rinsing



Inter-operation without water rinsing



- A dedicated PCA Kit to monitor the bath status and compatibility report of PROMOCLEAN DISPER 11 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 11 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 DRUM



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](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 & FREE-OF-CHARGE TESTING

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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
- 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](mailto:contact@inventec.dehon.com) or your local sales representative.

## ABOUT INVENTEC

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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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SOLDERING • CLEANING • COATING

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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