



CLEANING

# PROMOSOLV™ NEO B1

REMOVAL OF A WIDE RANGE OF CONTAMINANTS  
VAPOR PHASE (MONO-SOLVENT) PROCESS  
HIGH CLEANING POWER & NO GWP

## BENEFITS

PROMOSOLV NEO B1 is developed as a drop-in replacement for trichlorethylene, NPB and other solvents with a high Health, Safety & Environmental impact. While reducing substantially the HSE impact, the degreasing power is at an equivalent level. The very low surface tension allows to penetrate very tight or difficult to access spaces, providing a deep cleaning and rinsing.

The newly developed PROMOSOLV NEO range represents our products with an Ultra-low to No GWP & low atmospheric lifetime, in order to reduce global warming impact. The solvency power has also been improved, which contributes to an even better & faster cleaning performance.

It is dedicated to remove most kind of oils and greases, with the exception of water-based lubricants. Furthermore it is suitable for removing waxes and particles. Depending on the nature of polymerized materials, some varnishes, adhesives, inks & paints could also be removed.

PROMOSOLV NEO B1 is compatible with all metals and alloys, including very sensitive ones. It has also good compatibility with most plastics & elastomers, however it is necessary to test before use.

PROMOSOLV NEO B1 is formulated with safety in mind, which resulted in a product that has no mentioning of any EUH-phrases. Its composition has excellent flammability suppression properties and is an azeotropic formulation, which provides a very high stability when used in an equipment. Some products in the market may lose their flammability suppression compound due to evaporation when used in an equipment.

This product also exists in a recycled version (made from recycled solvent) under the name PROMOSOLV NEO B1 T

PERFORMANCE	<ul style="list-style-type: none"> <li>Thermally and chemically stable in use</li> <li>The very low surface tension allows deep cleaning &amp; rinsing of parts with complex geometry</li> <li>Short cleaning, rinsing and drying times</li> </ul>
COST	<ul style="list-style-type: none"> <li>Continuous recycling in equipment for a long bath-life</li> <li>Can be returned for recycling and re-use</li> <li>The relative high boiling point reduces risk of solvent drag, so limiting consumption</li> </ul>
HSE	<ul style="list-style-type: none"> <li>Very low toxicity</li> <li>No Global Warming Potential (GWP) &amp; no Ozon depletion potential (ODP)</li> <li>Non-flammable &amp; azeotropic formulation</li> <li>Low environmental impact: GREENWAY product</li> </ul>

## SPECIFICATIONS

SPECIFICATIONS	VALUES	METHODS
Aspect	Transparent, colorless	Visual
Fluorinated mixture	30,0% ± 1,0	Internal / MO.SB.10033
1,2- Transdichloroethylene	70,0% ± 1,0	Internal / MO.SB.10033

## CHARACTERISTICS

CHARACTERISTICS	VALUES
Boiling point (°C)	48
Surface tension (dynes / cm)	17
Flash point	None
Density (g/cm <sup>3</sup> )	1,3
Purity (% weight)	>99.0
GWP	<1

## 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

PROMOSOLV NEO B1  Conc: 100% Temp: 48°C / 118°F US: yes Time: 2-5 min	PROMOSOLV NEO B1  Conc: 100% Temp: 43°C / 109°F US: optional Time: 2-5 min	DRYING ZONE  Conc: 100% vapor Temp: 48°C / 118°F  Time: 5- 60 sec
CLEANING	RINSING	DRYING

- Do not remove parts too quickly out of the drying zone to prevent unwanted loss of solvent.
- Compatibility report with different materials is 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



230 Kg DRUM



30 Kg DRUM

## HEALTH, SAFETY & ENVIRONMENT

PROMOSOLV NEO B1 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 & no EUH risk phrases: 100% safe for storage and when used in equipment
- Non-toxic & Low corrosive impact

#### ENVIRONMENT PROTECTION & RESOURCES SAVINGS

- No GWP
- Can be returned for recycling and re-use: ECOPROGRAM
- Reduce consumption of product, consumables, water & energy

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)

Used polluted product can be returned to us for recycling if regulations permit. Please contact your local sales contact for more details on our ECOPROGRAM.

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

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

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](http://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