

# PROMOCLEAN™ Disper 607



**PCBA defluxing cleaner  
For aqueous cleaning process**

## FEATURES

**GREENWAY**

- High wetting performance permits efficient removal of lead free soldering pastes and fluxes
- High rinsing capacity
- Environmental friendly, formulation based on natural resources.
- Anti-corrosion agent assuring compatibility with all metals specially aluminium.
- No foaming

**PROMOCLEAN™ DIPER 607** is a water based cleaner formulated to remove all types of baked-on flux residues left on printed circuit board assemblies. Its high wetting performance permits to efficiently remove lead free soldering pastes and fluxes.

Recommended for markets and applications demanding high reliability in their electronics such as Aerospace, Military & Defense, Transportation, Energy, Medical, among others.

<b>PERFORMANCE &amp; RELIABILITY</b>	<ul style="list-style-type: none"> <li>• The low surface tension allows cleaning in areas usually inaccessible for standard detergents.</li> <li>• Compatible with all metals</li> <li>• High rinsing capacity</li> <li>• For automated process using spray-in-air or by dipping, using ultrasonic or jetting systems</li> </ul>
<b>COST</b>	<ul style="list-style-type: none"> <li>• High cleaning efficiency at low concentration</li> <li>• Long bath lifetime</li> </ul>
<b>ENVIRONMENT</b>	<ul style="list-style-type: none"> <li>• Non-flammable, no flashpoint</li> <li>• No toxic, no risk for the user</li> <li>• Low VOCs</li> <li>• Biodegradable</li> </ul>

## SPECIFICATIONS

Properties	Value	Methods
Appearance	Colorless to slightly yellow liquid	Visual
Density at 20°C	0.99 ± 0.01 g/ml	MO 0810
pH of pure product	10.6 ± 0.5	MO 0710
Flashpoint	none	

## CHARACTERISTICS

**PROMOCLEAN™ DISPER 607** is a moderate alkaline clear yellow liquid. It is biodegradable according to regulation 648/ 2004.

It is a low VOC and non-flammable cleaner. It is considered a non-hazardous material.

Properties	PROMOCLEAN™ DISPER 607
Water solubility	total
VOC	8%
Surface Tension	29.5 dynes/ cm
Wettability per NORM NFT73420	32 s

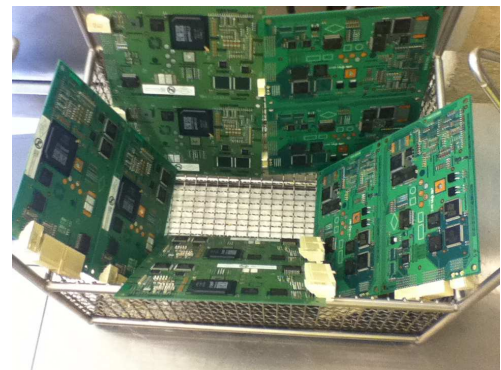
## PROCESS PARAMETERS

### Application guideline and Recommendations

<b>Step 1</b>	Promoclean™ Disper 607. Concentration at 25% Temperature 50° to 60°C
<b>Step 2</b>	Spray for aprox 10 min to remove the contaminants
<b>Step 3</b>	Rinsing with D.I. water. Dry with hot air or circulating air



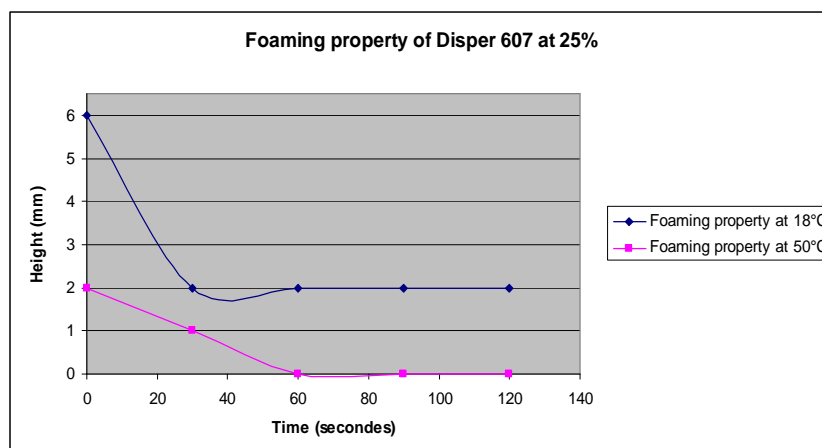
Cleaning equipment parts are not wear-out by the use of this solution.



Cleaned PCBAs using DISPER 607

On the graph below, the foaming property is represented as a function of the concentration of the solution. Referring to Ross-Miles method, the high of foam is measured at several moments.

### Foaming curve



PCBA defluxing is a best practice recommended prior to the application of Conformal Coating.

Cleaning performance complies with the following standards:

- IPC-A-610E Visual Cleanliness/
- J-STD-001 Ionic cleanliness/
- SIR by IPC-TM 650 2.6.3.7 and DIN 32513

## PACKAGING

Drum container

20 Lt and 200 Lt

## STORAGE & SHELF LIFE

Product should be stored in sealed original container between 0°C and 50°C. Shelf life in sealed container: 18 months

## HSE

No issues when used as recommended.

INVENTEC Material Safety Data sheets can be found at [www.quickfds.com](http://www.quickfds.com)

Please refer to Material Safety Data Sheet before use

***Although the conformity to ROHS 2002/95CE applies EQUIPMENT put on the market and not a component in particular, we warranty that this product contains less than 0.1% of mercury, lead, chromium VI, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE) and less than 0.01% for the cadmium, in accordance with the decision of The European Commission dated 18/08/2005, fixing the maximal concentration values.***

*This data is based on information that the manufacturer believe to be reliable and offered in good faith. In no event will INVENTEC 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.*

FPW.SB.10216 001 -18/06/2013