



CLEANING

PROMOCLEAN™ OVEN 4

CLEANING OF BAKED-ON FLUX RESIDUES FOR MAINTENANCE OF EQUIPMENT
WATER BASED EMULSION FOR MANUAL APPLICATION
FAST CLEANING & ENVIRONMENTAL FRIENDLY

BENEFITS

PROMOCLEAN OVEN 4 is especially designed for manual cleaning of all types of baked-on flux residues left on reflow oven parts, conveyor fingers in wave soldering equipment and waves carriers. Thanks to its excellent wettability and reactive substances it contributes to a fast maintenance process. Its medium alkaline pH allows an efficient cleaning without damaging sensitive metals or alloys. It is a ready-to-use product that does not need to be diluted.

PERFORMANCE	<ul style="list-style-type: none"> Removal of all types of baked-on flux residues Fast & efficient cleaning Easy to use
COST	<ul style="list-style-type: none"> Low consumption because of the low evaporation rate Reduces substantially equipment downtime
HSE	<ul style="list-style-type: none"> Non-toxic & no CMR substances Low environmental impact: No GWP, No ODP & Low VOC Non-flammable / safe substitution to IPA & other flammable cleaners

SPECIFICATIONS

SPECIFICATIONS	VALUES	METHODS
Aspect	Yellow	Visual
Density at 20°C (g/ml)	0,97 +/- 0,01	BRY-MO-028
pH of pure product	11,3 +/- 0,5	BRY-MO-011
pH at 1%	10,1 +/- 0,5	BRY-MO-011

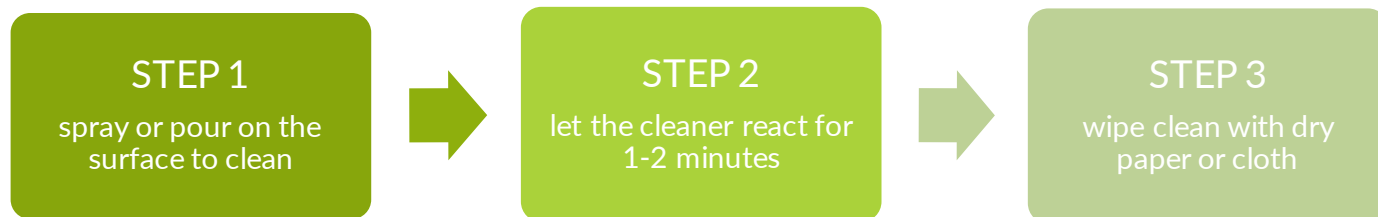
CHARACTERISTICS

CHARACTERISTICS	VALUES
Flash point	None
Solubility in water	totally soluble
Advised application temperature limits	Min 20°C (176°F) / Max 80°C (176°F)
VOC	20,97 gram / Liter (2%)

PROCESS RECOMMENDATION

Promoclean Oven 4 is only suitable for manual use. As it is designed to release its reactive agents quickly, it has a very short bath-life when used in a cleaning equipment. We recommend Promoclean Disper 610 for cleaning in an immersion or spray equipment.

HOW TO USE?



- The cleaning time depends on the amount of residue and time between each maintenance. We recommend frequent cleaning for a more efficient cleaning process. Regular cleaning decreases the overall cleaning time, consumption of cleaning chemistry and expands the lifetime of your equipment.
- As the product is non-flammable, the product can be used on medium hot surfaces (maximum 80°C/ 176°F), reducing the downtime of your equipment.

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



750 ML SPRAY BOTTLE
*1L SPRAY BOTTLE

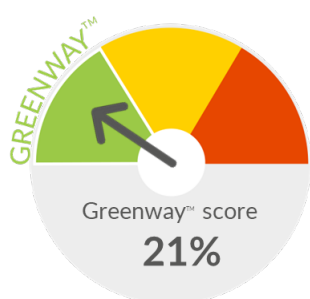


20 KG DRUM

*1L spray bottle only available in Asia

HEALTH, SAFETY & ENVIRONMENT

PROMOCLEAN OVEN 4 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
- Very low VOC
- No environmental hazard: 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 various 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, COOLING 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



SOLDERING
CLEANING
COATING
COOLING

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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