



CLEANING

QUICKSOLV™ DEF 90

MULTI-PURPOSE CLEANER
 MANUAL CLEANING
 NON-FLAMMABLE

BENEFITS

QUICKSOLV DEF 90 is a multi-purpose industrial cleaner for manual cleaning of oils, greases, organic residues & solder flux after reflow. Thanks to its low surface tension and reactive substances it permits to solubilize most of organic pollutants. Its fast evaporation allows substantial reduction in cleaning time.

QUICKSOLV DEF 90 is a non-flammable formulation and as such a drop-in replacement for flammable solvents like gasoline, isopropanol or acetone or any flammable cleaning products. It's formulated with safety, health of operators and environment in mind.

It can be used for many applications:

- Maintenance of mechanical parts
- Degreasing of low volume production of metal parts in micromechanical & mechanical industry
- Defluxing of printed circuits in rework or low volume production.
- Removal metals particles in additive manufacturing
- It can also remove certain residues of glue, varnish, coatings or polymerized materials, but subject to prior tests.

PERFORMANCE	<ul style="list-style-type: none"> ▪ Removal of all type of organic residues ▪ Fast, efficient and easy cleaning ▪ Compatible with all metals
COST	<ul style="list-style-type: none"> ▪ Non-diluted product ▪ Reduces cleaning time
HSE	<ul style="list-style-type: none"> ▪ No CMR substances ▪ Low Global Warming Potential (GWP) ▪ No Ozon Depletion Potential (ODP) ▪ Non-flammable & no flash point

SPECIFICATIONS

SPECIFICATIONS	VALUES	METHODS
Aspect	Liquid colorless	Visual
Purity (% weight)	>99.0	Internal / MO.SB.10033

CHARACTERISTICS

CHARACTERISTICS	VALUES
Flash point	None
Boiling point	48°C/118°F
Freezing Point	-135°C/-211°F
Density at 20°C (g/ml)	1,27
Surface tension (dynes/cm)	13.6
IKB (Kauri-Butanol)	>100
Vapor pressure at 20°C	65 kPa
Dynamic viscosity at 25°C	0,4 mPa.s
Solubility in water	Insoluble

SOLDERING
 CLEANING
 COATING
 COOLING

PROCESS RECOMMENDATION

QUICKSOLV DEF 90 is only suitable for cleaning at ambient temperature, Do not heat the fluid!

It can be considered for the following processes:

- Immersion in simple tank without heat and no need of a circulating pump.
- Tube flushing
- Manual cleaning by pouring or spraying
- Also available: QUICKSOLV DEF 70: Multi-purpose cleaner in a non-flammable aerosol packaging

IMMERSION APPLICATION



MANUAL APPLICATION



- In immersion process, it is not recommended to use ultrasounds continuously to avoid a rise of temperature. When using ultrasounds check temperature regular and control.
- 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 and consumption of cleaning chemistry.
- A dedicated 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 5 years from production date when kept in recommended conditions.

AVAILABLE PACKAGING



249,5KG DRUM



35KG PAIL

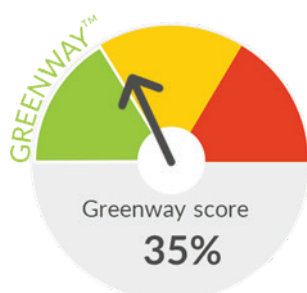


7KG PAIL

Please verify the packaging details, including volume and availability, with your sales representative, as they may vary depending on the production facility where the product is manufactured.

HEALTH, SAFETY & ENVIRONMENT

QUICKSOLV DEF 90 is **NOT** a **GREENWAY** product. Although fully in line with safety & environmental regulations, this product doesn't match our strict criteria to be labelled as a Greenway product More info on our Greenway concept via this [link](#).



LOOKING FOR A MORE SUSTAINABLE SOLUTION?

GREENWAY ALTERNATIVE

- QUICKSOLV DEF 70

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).

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.

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. 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 or your local sales representative.

ABOUT INVENTEC

Inventec is a global provider of CLEANING, SOLDERING, COATING and COOLING materials for Electronic, Semiconductor and Industrial applications. For over 70 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



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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