



CLEANING

QUICKSOLV™ FIDES

OIL & DUST REMOVAL FOR DIELECTRIC CLEANING
FOR MANUAL SPRAY EQUIPMENT
SAFE & FAST CLEANING UNDER POWER

BENEFITS

QUICKSOLV FIDES is especially designed to clean light oils & dust from electrical panels without the need to switch off the electric power. It's very safe to use as this fluid is non-toxicity, non-flammability and thermally stable, which makes it possible to use at high and low temperature. The very good compatibility with a wide range of plastics, metals and elastomers make QUICKSOLV FIDES a versatile and efficient cleaning solution. The evaporation rate & low surface tension of the fluid is designed to enable fast and easy drying.

Its Ultra low GWP provides you with an excellent alternative to reduce the carbon footprint of this kind of cleaning operations.

QUICKSOLV FIDES is a ready to use product, which does not need to be diluted.

PERFORMANCE	<ul style="list-style-type: none"> The very low surface tension allows efficient cleaning in tight spaces Excellent dielectric performances Thermally stable in use
COST	<ul style="list-style-type: none"> No flash point: Does not require the use of ATEX equipment Reduces time of cleaning due to the fast evaporation
HSE	<ul style="list-style-type: none"> Ultra-low GWP & no ODP Non-flammable Low environmental impact: GREENWAY product

SPECIFICATIONS

SPECIFICATIONS	VALUES	METHODS
Aspect	Colorless, clear	Visual
Purity (%)	> 99,5	MO.SB.10033

CHARACTERISTICS

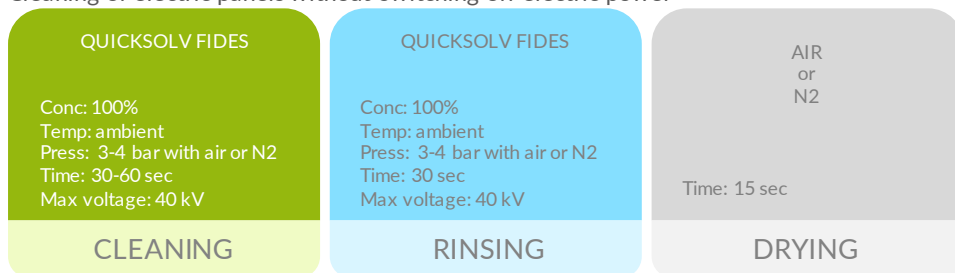
CHARACTERISTICS	VALUES
Boiling point (°C / °F)	49°C / 120°F
Thermal conductivity (W/m-K)	0.059
Flash point	No
Pour Point (°C/°F)	-108°C / -162°C
Surface tension (dynes/cm)	10.8
Density (g/cm ³)	1,6
Specific Heat (kJ/kg.K)	1,103
Heat of vaporization @boiling point (kJ/kg)	88
Vapor pressure (kPa)	40
Solubility water in fluid (ppm weight)	20
Molecular weight (g/mol)	316
Critical Temperature (°C/°F)	169 °C / 336°F
Critical Pressure (MPa)	1.88
Coefficient of expansion (K ⁻¹)	0.0018
Kinematic viscosity (cSt)	0.4
Absolute viscosity (cP)	0.64
Dielectric Strength Range, 0.1" gap (kV)	>60
Dielectric Constant @ 1kHz	1.8
Volume Resistivity (Ohm-cm)	10 ¹²

PROCESS RECOMMENDATION

The best process will depend on factors such as operating conditions and equipment. Our team is ready to advise you.

PROCESS EXAMPLE

Cleaning of electric panels without switching off electric power



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



255 Kg DRUM



5 Kg DRUM

HEALTH, SAFETY & ENVIRONMENT

QUICKSOLV FIDES 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, no corrosive impact & no S risk phrases

ENVIRONMENT PROTECTION & RESOURCES SAVINGS

- Ultra-low GWP
- Low aquatic toxicity

PROPERTIES	QUICKSOLV FIDES
Ozone Depleting Potential (ODP)	0,000
Global Warming Potential (GWP)	<1
VOC	yes
Flashpoint	no

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).

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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