

Solvent Cleaner 601

Product Information

Newly developed cleaning fluid based on modified alcohols (alkoxypropanols).

Properties

SOLVENT CLEANER 601 has excellent oil and fat-solubilization properties due to its lipophilic groups and also dissolves polar materials due to its hydrophilic groups.

SOLVENT CLEANER 601 has very low toxicity, good biodegradability, a high flash-point and very good cleaning characteristics.

SOLVENT CLEANER 601 dries under optimal conditions residue-free, can be distilled, is non-corrosive, requires no stabilizers and repels water from metal surfaces.

Applications

SOLVENT CLEANER 601 is used as degreasing and cleaning fluid in appropriate closed cleaning machines.

SOLVENT CLEANER 601 is an alternative to hydrocarbon, chlorinated-hydrocarbon and aqueous cleaning systems.

SOLVENT CLEANER 601 is also suited to difficult applications such as the cleaning of micro-polished parts, sintered metal, expensive small precision parts or for the cleaning of parts prior to powder coating or galvanic processes.

Density, g/cm³ (20 °C) 0,90
Boiling range, °C 168 – 178
Freezing point, °C <-30
Vapour pressure, hPa (20 °C) 1,1
Water solubility, wt.% 6
Flash point, °C >62
Auto-ignition temperature, °C >230
Flammability-LFL, Vol. % in air 1,1
Flammability-UFL, Vol. % in air 8,4
Viscosity, mPa · s (20 °C) 3
Surface tension, mN/m (25 °C) 26
Heat of vapourisation, J/g 280
Specific heat, kJ/kgK (25 °C) 2,0
Vapour concentration in air, g/m³ (20 °C) 6,1

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