GLUDITEC
Glue & Dispensing Technology

Technical Data Sheet

COVEN FP2173DE

Solvent For Degreasing & Dewaxing Process

COVEN FP2173DE is developed as a drop-in replacement for trichlorethylene, NPB and other solvents with a high Health, Safety & Environmental impact. While reducing substantially the HSE impact, the degreasing power is at an equivalent level.

It is dedicated to remove heavy oils, greases, waxes, particles, fluorinated lubricants. Depending on the nature of polymerise materials, some varnishes, adhesives, inks & paints could also be removed. COVEN FP2173DE is compatible with all metals, including very sensitive ones. It also has good compatibility with most plastics & elastomers, However it is necessary to validate before uses. The very low surface tension allows to penetrate and clean very tight or difficult to access spaces.

This product is applied in aviation, microelectronics manufacturing, medical machinery manufacturing, precision optics, disk and hard disk manufacturing, precision metal parts processing and other fields.

FEATURE

- Thermally and chemically stable in use
- Very low surface tensions allows deep rinsing of parts with complex geometry
- Excellent material compatibility
- Non-flammable
- Very low toxicity, no Ozon Depletion Potential (ODP) & low Global Warning Potential (GDP)

CHARACTERISTICS

CHARACTERISTICS	COVEN FP2173DE
Color	Colorless
Boiling point (1 atm), ^{0}C	48
Vapor Pressure (25^{0}C), kPa	35.06
Flash point	None
Density, g/cm^3	1.28
Surface tension, dynes/cm	19
Viscosity, cps	0.38
Latent heat of vaporization (kJ/kg)	227
GWP	47
ODP	0

PACKING, STORAGE & SHELF LIFE

Keep products in closed original packaging and store at room temperature and in a clean, dry warehouse, protecting from high temperature insolation, away from heat sources, away from acids, strong alkalis, oxidants, etc.

Shelf life is minimum 24 months from production date when kept in recommended conditions. The shelf life provides a guarantee of delivering new product and proper storage (no packaging leakages, no accidental contamination). Once the product is used in a process it is designed for, there is no degradation of quality or performance over time.