

Electronic Fluoride Fluid - ASI 7IIPA

Main function

ASI 7IIPA is a high-purity fluorinated fluid designed for light-duty cleaning and degreasing. It serves as an effective, non-ozone-depleting alternative to CFC-113, HCFC-141b, and 1,1,1-trichloroethane.

Thanks to its low surface tension, non-flammability, and consistent composition under boiling conditions, it is highly suited for precision cleaning of metals, plastics, and glass components, especially in electronics and optics.



Electronic Fluoride Fluid - ASI 71IPA

Specifications:

Property	Value
Appearance	Colorless
Odor	Slight alcohol odor
Decomposition Temperature	443°C
Liquid Density	1.48 g/mL
Boiling Point	54.8°C
Freezing Point	-42°C
Flash Point	None
Vapor Pressure (25°C)	27.6 kPa
Heat of Vaporization (cal/g @ boiling point)	145kJ/kg = 34.6 cal/g
Surface Tension	14.5 mN/m
Global Warming Potential (GWP)	310
Ozone Depletion Potential (ODP)	0

Electronic Fluoride Fluid - ASI 71IPA

Main Application:

- Precision cleaning, rinsing, and drying agent
- Removal of oils, greases, waxes, and fingerprints
- Flux residue cleaning when used with co-solvents ("no-clean" flux removal)

Storage & Handling:

- Store in a clean, dry warehouse, away from heat, acids, alkalis, and oxidizing agents
- Keep containers sealed to prevent evaporation due to the fluid's volatility
- Transport as a non-hazardous substance
- Avoid mechanical shock or inversion during shipping