



FluoSolv[®] AP

**Boeing BAC5408 Approved
for use via PSD 6-75**

Safe & Ideal Replacement for nPB and TCE

- Exemplary workplace exposure rating
- High solvency, stable azeotropic blend, non-flammable; solubilizes polar & non-polar soils
- No equipment modification necessary; designed for use in all vapor degreasing equipment
- Distillable and reusable
- Exacting performance standards for the aerospace industry

Performance Properties	NuGenTec FluoSolv[®] AP	*n-Propyl Bromide (nPB)	TCE
Boiling Point °C [°F]	43[109]	71 [160]	87 [188]
Density at 25°C (77°F) kg/liter [lb/gal]	1.26 [10.6]	1.55 [12.9]	1.41 [11.7]
Surface Tension at 25°C (77°F) dyne/cm	21.0	25.9	32.3
Viscosity at 25°C (77°F), cPs	0.46	0.49	0.54
Vapor Pressure at 25°C (77°F) kPa	41	23	9
Heat of Vaporization @bp cal/g	64.3	58.8	56.0
Wetting Index (measure of cleanability)	135	106	58
Kb Value	100	130	129
Water Solubility 25 deg C g/100ml	0.01	0.24	0.11

Regulatory Property	NuGenTec FluoSolv® AP	n-Propyl Bromide (nPB)	TCE
NESHAP Reporting	Not Required	Not Required	Required
Global Warming Potential (GWP)	No phase out pending	Phase out pending	Phase out pending
Title V permit	Not Required	Not required	Required
Clean Water Act	Not Regulated	Not Regulated	Regulated
Department of Transportation (DOT)	Not Regulated	Not Regulated	Regulated
CERCLA	Not Regulated	Regulated over 20,000 lbs/24 hrs	Regulated over 110 lbs/24 hrs
RCRA	NON Hazardous Waste	Non-Hazardous Waste	Hazardous Waste
OSHA HAZCOM Reporting	Not Required	Not Required	Hazard Warning Required
IARC Cancer Classification	NONE- Not Listed	Suspected Carcinogen	Carcinogen Group 2A
Manufacturer's Worker Exposure Guideline	200 ppm 8 hr TWA	1 ppm 8 hr TWA	10ppm 8 hr TWA

Storage

FluoSolv® AP is thermally & chemically a very stable solvent. It is non-reactive, has low water solubility and will not oxidize or degrade when exposed to air, sunlight or UV radiation. Common industrial practice should be implemented for storage; keep away from human food source and extreme temperature conditions. Freezing temperatures will cause the drums to compress and hot conditions will balloon the drum however the solvent is perfectly usable.

Packaging & Availability

FluoSolv® AP is available in three package sizes

- 55-gal lined (phenolic) metal drums (net wt. 55)
- 5-gal lined (phenolic) metal pails (net wt. 55 lb.)
- 1-gal HDPE Plastic jugs (net wt. 11 lb.)

All package sizes are inventoried at Emeryville, CA. Lead times are 7-10 business days after receipt of order.

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