

# Techtride<sup>®</sup> DG

(n-Propyl Bromide)

Environmentally friendly degreasing solvent

Parts Cleaning Technologies (PCT) evolved from the Detrex Corp.; a pioneer in the development of the Vapor Degreasing Process & Chemistries. PCT has focused on the needs of our ever changing Global Environmental concerns around Water, Energy, Green House Gases & Ozone Depleting emissions by developing World Class Precision Cleaning Chemistries, Equipment and Parts Cleaning Services.

Techtride<sup>®</sup> DG is an environmentally friendly precision cleaning solvent developed to replace Aqueous cleaning processes which consume up to 10 X as much energy, impacting your Carbon Footprint. Techtride will eliminate the use of hundreds & potentially thousands of gallons of water & hazardous waste generated by Aqueous chemicals & rinses. Our product is compatible with all Metals and leaves the customer with a clean dry part with no Non Volatile Residue (NVR) when used properly, which is highly desired in critical cleaning applications such as Aerospace & Oxygen System cleaning.

Techtride<sup>®</sup> DG is Non-Flammable, Non-Hazardous & Not NESHAP regulated.

## Typical physical properties

Formula	CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> Br
Molecular Weight	123.0
Boiling Point	71° C (160° F)
Evaporation Rate (ether=100)	35
Flash Point (open cup)	none
Vapor Density	4.3
g/liter, BP and 760 mm Hg	
Vapor Pressure @ 20° C	110.mm Hg
Viscosity	.49 (-25° C)
liquid centipoises 20° C	
Refractive Index, liquid nD	1.4338
(° C)	(20)
Solubility, g/100	
Solvent in Water	.24 (25° C)
Water in Solvent	.05 (25° C)
Max. Average Conc. in Air, ppm	100
KB Value	130

## Specifications

Appearance	Clear; Free from suspended matter
Specific Gravity	1.32 - 1.35
(@25° C)	
Free Halogens	none
Non-Volatile Residue	10 ppm Maximum
n-Propyl Bromide Content	94.5% Minimum by Weight
	93.5% Minimum by Volume
Acidity (as HCl)	10 ppm Maximum
Acid Acceptance (as NaOH)	0.20 Minimum
Color APHA	15 Maximum
Corrosion of Metals	Does not corrode Aluminum, Copper, Stainless Steel, Carbon Steel, Titanium or Magnesium

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This product meets or exceeds ASTM D-6368-06



**PARTS**  
**CLEANING**  
**TECHNOLOGIES**

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