



CHRISTO-KLEEN1

CHRISTO-KLEEN 1 is a high-performance hydrofluorocarbon fluid with a low potential for global warming and zero ozone depletion properties. CHRISTO-KLEEN 1 is ideal for use in vapor degreasing, wipe or dip cleaning, rinsing or drying. It can replace hydrochlorofluorocarbon (HCFC) and perfluorocarbon (PFC) fluids in most applications. CHRISTO-KLEEN 1 is ideally suited for cleaning submicron particulates from metal and nonmetal surfaces. CHRISTO-KLEEN 1 has demonstrated excellent performance in removing CHRISTO-LUBE® synthetic lubricants from many substrates*.

TYPICAL APPLICATIONS

- Cleaning and rinsing agent
 - Drying fluid
 - Particulate remover
- Removal of CHRISTO-LUBE™
- Replacement for many HCFC, PFC and CFC-113 applications

COMPATIBLE PLASTICS

Polyethylene	Polyphenylene Sulfide
Polypropylene	ABS
Polystyrene	Acetal
Polyester	Epoxy
Polyphenylene Oxide	Ionomer
Polyimide	Liquid Crystal Polymer
Polyetherketone	Phenolic
Polyaryletherketone	PVC, CPVC
Polysulfone	PTFE, ETFE
Polyarylsulfone	

COMPATIBLE ELASTOMERS

Buna N, NBR, Nitrile
Chlorosulfonated PE
Butyl Rubber, IIR Polysulfide
EPM, EPDM, Nordel®
Neoprene
Natural Rubber
Isoprene Viton® B
Urethane
Silicone
Buna S, SBR, GRS

PROPERTY	TYPICAL VALUE
Appearance	Colorless Liquid
Odor	Nearly Odorless
Boiling Point	55°C
Vapor Pressure	226
Pour Point	-80°C
Density	1.58 g/cc
Surface Tension	14.1 dynes/cm
Flash and Fire Point	None
Dielectric Constant	7-10
Solubility in Water	140 ppm
Solubility in Water	490 ppm
Molecular Weight	252

*ECL strongly recommends testing of all plastics, elastomers and metals for compatibility and suitability of use due to variations in material composition and material processing.

Engineered Custom Lubricants

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