trans-1,2 Dichloroethylene (t-DCE)

trans-1,2 DCE; 1,2 trans-dichloroethene

Performance-Driven Co-Blowing Agent

This versatile product serves as an effective co-blowing agent when blended with hydrocarbons, HFCs, and HFOs, delivering enhanced performance and improved material properties.

Chemical/Physical Properties:

- Clear, Colorless
- Insoluble in Water
- Fast Evaporation Rate
- Light Ether-Like Odor

Physical Properties	
Molecular Weight	96.95
CAS #	156-60-5
Chemical Formula	$C_2H_2Cl_2$
Chemical Family	CHC
Boiling Point	118 F (48 C)
Flash Point (Closed Cup)	36 F (2.2 C)
Freezing Point	-56.9 F (-49.4C)
Kauri-Butanol Value (KB)	117
Vapor Density (air = 1.00)	3.34
Liquid Density, lb/gal (kg/L)	10.53 (1.26)
Vapor Pressure, kPa @ 25 C	44.8
Autoignition Temp	460 C
Flammability Limits in Air, % by vol.	LEL: 6.7% UEL: 18%
Specific Gravity @ 25 C	1.27
Viscosity, cP @ 20 C	0.41
Solubility in Water @ 70 F	< 0.1%
Dielectric Strength (0.1 in gap)	39.0 kV

Environmental Properties:

- EPA SNAP approved solvent in some foam blowing formulations
- Occupational Exposure Limit is 200 ppm (8 hr TWA)

Environmental Properties	
Global Warming Potential (GWP)	None
Ozone Depleting Potential (ODP)	None
Volatile Organic Compound (VOC)	Yes

Contact **info@diversifiedcpc.com** or
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