



Pentagon Chemicals

(Trader Exporters importers in Heavy Chemicals, Acids, Dyes, Solvents, Minerals)

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Specification of MDC

SL No.	Descriptions	Specification
1	Chemical Formula	CHCl ₃ = CCl ₂
2	Liquid	
3	Appearance	Almost Colourless
4	Flash Point	Nonflammable
5	Vapour Pressure at 20°C	68mm Hg
6	Boiling Point at 760mm Hg	86.7°C
7	400mm Hg	67.0°C
8	100mm Hg	31.4°C
9	10mm Hg	-12.4°C
10	1mm Hg	-43.8°C
11	Vapour Density (Air-1)	4.5
12	Freezing Point	-87.1°C
12	Molecular Weight	131.4
13	Specific Gravity at 20/20°C	1.464
14	Refractive Index at 20°C	1.4782
14	27°C	1.4735
15	Specific Heat at 80C	0.225 cal/ gm/ C
16	Dielectric Constant at 16C	3.42

17	20°C	3.27
18	Latent Heat of Vaporisation	57.2 cal/ gm
19	Evaporation Number	3.6
20	Surface Tension at 25°C	32 Dynes/ cm
21	Viscosity at 20°C	0.58cp
22	Solubility in water at 25°C	0.11% w/w
23	Solubility of water at 25°C	0.333% w/w
24	Kauri-Batanol Number	115