



# D-GAS R134A

Molecular Formula :	<b>CH<sub>2</sub>FCF<sub>3</sub></b>
Specific Gravity:	<b>1.208 @ 77 F (25 °C)</b>
Boiling Point:	<b>-26.5 °C (-15.7° F)</b>
Vapour Pressure:	<b>96 psia @ 25 °C (77° F)</b>
Critical Temperature (°C):	<b>101.1</b>
Critical Pressure (Mpa) :	<b>4.07</b>
ASHRAR Safety Group Classification:	<b>A1</b>
Ozone Depletion Potential (ODP):	<b>0.000</b>
Global Warming Potential (GWP):	<b>0.29</b>
Purity % $\geq$ :	<b>99.9</b>
Moisture, PPM $\leq$ :	<b>10</b>
Residue on evaporation, PPM $\leq$ :	<b>0.01</b>
Appearance :	<b>colorless, no cloudy</b>
Odour :	<b>no smell</b>

**Application :** R 134 A is a refrigerant to replace CFC-12 in mobile, residential, commercial and industrial refrigeration systems. An other application area is the usage on rigid polyurethane foam applications as blowing agent. It is also used as an important blend part for refrigerants like 404 A, 407C etc.