

# DCG PARTNERSHIP 1, LTD.

## Specializing in Mixed Gas Applications Hexanes Plus BF4

<u>COMPONENT</u>	<u>MOLE%</u>	<u>WEIGHT%</u>	<u>LIQ.VOLUME%</u>
2,2-Dimethylbutane	0.042	0.038	0.040
2,3-Dimethylbutane	0.208	0.189	0.193
2-Methylpentane	1.093	0.995	1.025
3-Methylpentane	0.567	0.516	0.521
Cyclohexane	0.046	0.041	0.034
Methylcyclopentane	0.218	0.194	0.176
N-Hexane	<u>54.591</u>	<u>49.689</u>	<u>50.847</u>
<b>TOTAL HEXANES</b>	<b>56.765</b>	<b>51.662</b>	<b>52.836</b>
2,4-Dimethylpentane	0.026	0.028	0.028
3-Ethylpentane	0.021	0.022	0.023
Methylcyclohexane	0.118	0.122	0.108
N-Heptane	<u>30.082</u>	<u>31.837</u>	<u>31.437</u>
<b>TOTAL HEPTANES</b>	<b>30.247</b>	<b>32.009</b>	<b>31.596</b>
2,2,4-Trimethylpentane	0.030	0.036	0.034
4-Methylheptane	0.143	0.173	0.164
N-Octane	<u>9.708</u>	<u>11.713</u>	<u>11.257</u>
<b>TOTAL OCTANES</b>	<b>9.881</b>	<b>11.922</b>	<b>11.455</b>
N-Nonane	<u>1.770</u>	<u>2.398</u>	<u>2.255</u>
<b>TOTAL NONANES</b>	<b>1.770</b>	<b>2.398</b>	<b>2.255</b>
N-Decane	<u>1.337</u>	<u>2.009</u>	<u>1.858</u>
<b>TOTAL DECANES</b>	<b>1.337</b>	<b>2.009</b>	<b>1.858</b>

Molecular Weight: 94.679

Density: 5.665 LB/GAL

Density: 0.6794 G/ML

### IDEAL HEATING VALUES @ 14.696 PSIA, 60°F

Net, dry	4825.3 BTU/SCF
Gross, dry	5207.7 BTU/SCF
Liquid (WT)	20713.8 BTU/LB
Liquid (VOL)	117338.1 BTU/GAL

