

DCG PARTNERSHIP 1, LTD.

Specializing in Mixed Gas Applications Hexanes Plus Canada

<u>COMPONENT</u>	<u>MOLE%</u>	<u>WEIGHT%</u>	<u>LIQ.VOLUME%</u>
2,2 Dimethylbutane	1.124	1.023	1.138
2,3 Dimethylbutane	4.464	4.062	4.403
2- Methylpentane	11.450	10.420	11.432
3- Methylpentane	6.251	5.689	6.138
Methylcyclopentane	7.219	6.416	6.204
Benzene	4.056	3.346	2.729
Cyclohexane	6.114	5.434	5.048
N-Hexane	<u>14.608</u>	<u>13.295</u>	<u>14.457</u>
TOTAL HEXANES	55.286	49.685	51.549
2-Methylhexane	4.700	4.277	4.530
2,3 Dimethylpentane	1.348	1.426	1.482
Methylcyclohexane	6.786	7.036	6.565
Toluene	4.847	4.716	3.903
N-Heptane	<u>8.146</u>	<u>8.620</u>	<u>9.041</u>
TOTAL HEPTANES	25.827	26.075	25.521
2,5-Dimethylhexane	1.134	1.368	1.415
C+T-1,2-Dimethylcyclohexane	2.562	3.036	2.765
Ethylbenzene	0.954	1.070	0.885
M-Xylene	1.121	1.257	1.042
O-Xylene	0.846	0.949	0.789
P-Xylene	0.843	0.945	0.789
N-Octane	<u>2.832</u>	<u>3.416</u>	<u>3.488</u>
TOTAL OCTANES	10.292	12.041	11.173
2,3-Dimethylheptane	1.189	1.610	1.584
1,2,4 Trimethylbenzene	1.344	1.706	1.397
N-Nonane	<u>1.521</u>	<u>2.060</u>	<u>2.060</u>
TOTAL NONANES	4.054	5.376	5.041
N-Decane	<u>4.541</u>	<u>6.823</u>	<u>6.716</u>
TOTAL N-DECANE	4.541	6.823	6.716

Molecular Weight: 94.696

Density: 6.025 LB/GAL

Density: 14.685 G/ML

IDEAL HEATING VALUES @ 14.73 PSIA, 60°F

Net, dry: 4425.4 BTU/SCF

Gross, dry: 4491.3 BTU/SCF

Liquid (WT): 17857.1 BTU/LB

Liquid (VOL): 109200.9 BTU/GAL



VAPOR PRESSURE @ 40°F: 0.788

VAPOR PRESSURE @ 0°C: 0.618