

<b>TECHNICAL SPECIFICATION</b>				
<b>MATERIAL: AEROGAS-31 (BLENDED)</b>				
<b>PARAMETERS</b>	<b>SPECIFICATION</b>		<b>ASTM TEST METHOD</b>	
<b>PHYSICAL ASSAY</b>				
Appearance	Water white liquid , free of foreign matter			
Odor	No discernible odour of sulphur compounds			
Vapor Pressure @ 70 <sup>o</sup> F (psig)	23 - 34			
Residues, ml	Maximum 0.05		D-2158	
<b>CHEMICAL ASSAY</b>				
Composition	Weight % Range		D-2163	
	Minimum	Maximum		
Ethane	0.00	0.500		
Propane	0.00	8.00		
Propene	0.00	0.05		
Iso-Butane	43.00	54.00		
N-Butane	43.00	56.00		
Propadiene	0.00	0.05		
Trans-2-Butene	0.00	0.05		
1-Butene	0.00	0.05		
Iso-Butylene	0.00	0.05		
Neo-Pentane	0.00	2.00		
Cis-2-Butene	0.00	0.60		
Iso-Pentane	0.00	0.80		
N-Pentane	0.00	0.05		
1,3-Butadiene	0.00	0.05		
Unsaturated compounds (ppmw)	0.00	500.00		D-2163
Moisture (ppmw)	0.00	11.00		D-5454
Total Sulphur Compounds	0.00	24.000		D-6228
Specific Gravity @ 70 <sup>o</sup> F	0.564	0.574		D-2598
Tertiary Butyl Hydroperoxide	Negative / Positive		CSPA-AG001	
<b>Benzene Residue (ppmw)</b>	<b>0.000</b>	<b>1.000</b>	<b>UOP 1026-19</b>	

Please note that the Butane and Propane feedstock used were not derived from Petroleum Refining Processes but from Natural Gas.