



# Dephenolized Cresylic Acid

A product of Dakota Gasification Company

Typical Results (Results are average of 150 railcars loaded July 2008-July 2009)

<u>Parameter</u>	<u>Units</u>	<u>Typical Result</u>
Phenol	Wt %	0.4
Ortho Cresol	Wt %	20.3
2,6-Xylenol	Wt %	0.8
Meta-Cresol	Wt %	32.8
Para-Cresol	Wt %	20.2
Ortho-Ethylphenol	Wt %	1.7
2,4 + 2,5-Xylenol	Wt %	6.9
2,3-Xylenol	Wt %	1.1
3,5-Xylenol	Wt %	2.1
Para-Ethylphenol	Wt %	3.0
Meta-Ethylphenol	Wt %	2.9
3,4-Xylenol	Wt %	0.6
<i>Subtotal C7 &amp; C8 Phenolics</i>	Wt %	92.4
C9 Phenolics	Wt %	0.9

<b>Impurities</b>		
Water	Wt %	0.04
Guaiacol	Wt %	3.3
Dihydric Phenols	Wt %	0.06
Neutral Oils	Wt %	1.2
Tarbases	Wt %	<0.005
Total Sulfur Compounds	Wt %	0.04
Others (includes pitch, methyl substituted guaiacols, C10 phenolics, non-catechol dihydroxy phenols, and unidentified nitrogen compounds)	Wt %	1
<b>Misc</b>		
GCV	BTU/lb	14770
Specific Gravity		1.0155