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**Georgia Gull**

Georgia Gull Corporation  
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**Vinyl Chloride Monomer Analytical Report**

Vista  
Abbeville, Mo.

Load Date: 11-12-92  
Sphere No: 602A  
Car Number: UTLX 94399  
Ship Date: 11/13/92

Acres: 259, 300 In.: 82, 700 Net: 176, 600 Billing: 175, 850

PROPERTIES	ANALYSIS	SPECIFICATION (1)	METHOD OF ANALYSIS
GC: Purity	<u>99.99</u>	98.99% min.	VCM-46
Water	<u>40</u>	90 ppm max. (2)	VCM-32
Acidity (as HCl)	<u>&lt;.0</u>	1 ppm max.	VCM-33
pH	<u>8.15</u>	8.2 max.	VCM-33
Alkalinity (as NaOH)	<u>.06</u>		VCM-33
Iron	<u>1</u>	0.2 ppm max.	VCM-37
Nonvolatiles	<u>33</u>	50 ppm max. (2)	VCM-31
Peroxides (as H2O2)	<u>.01</u>	0.1 ppm max.	VCM-34
Aldehydes	<u>.1</u>	1 ppm max.	VCM-36
Appearance	<u>CLR</u>	Clear & Free of Suspended Matter	VCM-33
Ethylene	<u>&lt;.1</u>	1 ppm max.	VCM-40
Propylene	<u>&lt;.1</u>		VCM-40
Acetylene	<u>.2</u>	1 ppm max.	VCM-40
Butene-1	<u>&lt;.1</u>		VCM-40
trans Butene	<u>&lt;.1</u>		VCM-40
Butadiene	<u>3</u>	4 ppm max.	VCM-40
Methyl Chloride	<u>89</u>	60 ppm max.	VCM-40
Ethyl Chloride	<u>2.4</u>	20 ppm max.	VCM-40
Monovinylacetylene	<u>7</u>	10 ppm max.	VCM-40
EDC & Heavier			
Hydrocarbons	<u>&lt;1</u>	1 ppm max.	VCM-40
Total Contaminants	<u>52</u>	100 ppm max. (3)	VCM-40

**NOTES:**

- (1) All amounts are on a weight basis.
- (2) Not included in purity calculation.
- (3) Not including water and nonvolatiles

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