

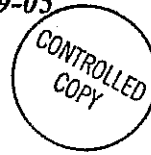
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**EFFECTIVE**  
**DATE:** 09-19-05

**NUMBER**  
124

**APPROVED:** Mike Ziegler,  
Plant Manager *MZ*

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**SUPERSEDE**  
**NEW**

**MANUAL TYPE:** CHEMICAL PRODUCT SPECIFICATIONS

**TITLE:** 66% TOLUENESULFONIC ACID (LOW SULFURIC) MIXED ISOMER

<u>PARAMETER</u>	<u>LIMITS</u>	<u>TEST METHOD</u>
Sulfuric Acid, %	0.2 Max	001
TSA, %	64 - 68	001
Toluene, %	0.3 Max	004
Gardner Color	3.0 Max	Visual
Sulfones, Wt %	0.2 Max	003 or 158