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## Technical Data Sheet

## Liquid Aluminum Sulfate

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<b>Name</b>	Liquid aluminum sulfate (alum) C. A. S. Number 10043-01-3								
<b>Chemical Formula</b>	$\text{Al}_2(\text{SO}_4)_3$ in aqueous solution								
<b>Concentration</b>	8.3 % as $\text{Al}_2\text{O}_3$								
<b>Description</b>	Colorless to light amber, mildly acidic, inorganic salt solution								
<b>Density</b>	Pounds/Gallon 11.11 Gallons/Ton 180 Specific Gravity 1.333								
<b>Properties</b>	<table><thead><tr><th><u>Property</u></th><th></th></tr></thead><tbody><tr><td>Total Al as <math>\text{Al}_2\text{O}_3</math></td><td>8.3 %</td></tr><tr><td>Free <math>\text{Al}_2\text{O}_3</math></td><td>0.00 minimum</td></tr><tr><td>Iron as Fe</td><td>100 ppm maximum</td></tr></tbody></table>	<u>Property</u>		Total Al as $\text{Al}_2\text{O}_3$	8.3 %	Free $\text{Al}_2\text{O}_3$	0.00 minimum	Iron as Fe	100 ppm maximum
<u>Property</u>									
Total Al as $\text{Al}_2\text{O}_3$	8.3 %								
Free $\text{Al}_2\text{O}_3$	0.00 minimum								
Iron as Fe	100 ppm maximum								
<b>Freeze/Boil Points</b>	Freeze point 4 F Boil point 214 F								
<b>Shipping Mode</b>	Tank trucks, Totes, Drums								
<b>Terminal Location</b>	Searsport, Maine								

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