

## PRODUCT DATA SHEET – Aluminum Sulfate Solution 48%

### PRODUCT #

174155

### SYNONYMS

Alum

### PRODUCT DESCRIPTION

Clear to slightly amber, odorless liquid

### PACKAGING AND SHIPPING

Available in 165 lb drum, 600 lb drum, 3000 lb tote, and full bulk

### CHEMICAL ANALYSIS

<i>Chemical Analysis</i>	<i>Typical</i>
Physical State	Liquid
Color	Clear to slightly Amber
Odor	Odorless
pH	1.9-2.4
Melting Point/Freezing Point	-15.56 °C
Initial Boiling Point / Boiling Range	101 °C / 214 °F
Vapor Pressure	Less than 1 mm Hg (30 °C / 86 °F)
Relative Density (water=1)	1.29 – 1.34
Solubility in Water	Completely Miscible
Formula	Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> • 14 H <sub>2</sub> O(Dry equivalent)

### APPLICATIONS

Alum is used as a coagulating agent in municipal and industrial water and wastewater treatment and as an additive in papermaking.

