



## Al+Clear<sup>®</sup> Liquid A7 PRODUCT DATA SHEET

### CHARACTERISTICS

Al+Clear<sup>®</sup> Liquid A7 is a colorless to light green colored liquid. It is an advanced inorganic product suitable for use on poultry litter and house floors (pads).

**Approved for Air and Water Quality Standard EQUIP programs.**

### TYPICAL PROPERTIES

Formula:	Aqueous solution of aluminum sulfate and sulfuric acid	
C.A.S.	10043-01-3 / 7664-93-9 (Aluminum sulfate / Sulfuric acid)	
pH (neat)		< 1
Specific Gravity @ 70°F (21°C)		1.27 - 1.29
Freezing Point		Less than 0°F (-18°C)
Density, lbs/gal., U.S.		10.6 - 10.8
Aluminum as Al, %		3.2 - 3.3
Aluminum as Al <sub>2</sub> O <sub>3</sub> , %		6.1 - 6.3
Aluminum as Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> •14H <sub>2</sub> O (Dry Alum), %		35 - 37
Free Acid, % as H <sub>2</sub> SO <sub>4</sub>		7

### PRODUCT USES

Poultry house ammonia control. Poultry litter acidification and pathogen growth inhibition. Phosphorus binding.

### SHIPPING CONTAINERS

Bulk transport	Bulk car
275 gal. one way container	55 gal. plastic drum

### SHIPPING REGULATIONS

DOT Classification: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Contains Aluminum Sulfate and Sulfuric Acid)

Hazard Class: 8                      DOT ID Number: UN 3264                      Packing Group: II  
Aluminum Sulfate: RQ = 5000 Lbs.; Sulfuric Acid: RQ = 1000 Lbs. (CASRN formula basis)

### PRODUCT SAFETY INFORMATION

Al+Clear<sup>®</sup> Liquid A7 can cause irritation and possibly burns to the skin and eyes. Avoid contact with skin, eyes and clothing. Anyone procuring, using or disposing of these products or their containers must be familiar with the appropriate safety and handling precautions. Such information may be found in the **Material Safety Data Sheets (MSDS)** for these products or you may contact General Chemical Technical Service. In the event of an emergency with these products, call the 24 hour **Emergency Number: USA (CHEMTREC) 800-424-9300** or **Canada (CANUTEC) 613-996-6666**. For additional information contact:

Syracuse Technical Center  
(315) 478-2323  
(800) 255-7589 Outside NY

Water Chemicals Group  
(973) 515-0900  
(800) 631-8050 Customer Service

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