



## Al+Clear<sup>®</sup> Poultry Grade Alum PRODUCT DATA SHEET

### CHARACTERISTICS

Al+Clear<sup>®</sup> Poultry Grade Alum is a pale green to white colored crystal. It is an inorganic product suitable for use on poultry litter and house floors (pads).

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

### TYPICAL PROPERTIES

Formula:	Aluminum sulfate hydrate: $Al_2(SO_4)_3 \cdot 14H_2O$		
C.A.S.	10043-01-3 (Aluminum sulfate)		
	pH of 1% Solution (approx.)		3.5
	Bulk Density (Ground), lbs./cu. ft.		63 - 71
	Granulation (Ground):	Through 4 mesh screen	100%
		Through 10 mesh screen	90% min.
	Aluminum as Al, %		9.0 (min)
	Aluminum as $Al_2O_3$ , %		17.0 (min)

### PRODUCT USES

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

### SHIPPING CONTAINER

Bulk car	Bulk transport		
2000 lb. Super Sack mini-bulk bag	1000 lb. Super Sack mini-bulk bag	50 lb. bag	

### SHIPPING REGULATIONS

DOT Classification: Regulated, only if greater than 8700 Lbs. in one package.

If greater than 8700 Lbs.:

Environmentally Hazardous Substances, Solid, N.O.S. (Contains Aluminum Sulfate)

Hazard Class: 9                      DOT ID Number: UN 3077                      Packing Group: III

### PRODUCT SAFETY INFORMATION

Al+Clear<sup>®</sup> Poultry Grade Alum may cause irritation to the skin, eyes and respiratory tract. 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