



Al+Clear[®] Liquid PRODUCT DATA SHEET

CHARACTERISTICS

Al+Clear[®] Liquid is a clear, light green to light yellow colored solution. 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:	Aqueous solution of aluminum sulfate		
C.A.S.	10043-01-3 (Aluminum sulfate)		
	pH (neat)	2.0 - 2.4	
	Specific Gravity @ 70°F (21°C)	1.335	
	Freezing Point	4°F (-16°C)	
	Density, lbs/gal., U.S.	11.14	
	Aluminum as Al, %	4.2 - 4.4	
	Aluminum as Al ₂ O ₃ , %	8.0 - 8.3	
	Aluminum as Al ₂ (SO ₄) ₃ •14H ₂ O (Dry Alum), %	46 - 49	

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)
Hazard Class: 8 DOT ID Number: UN 3264 Packing Group: III
RQ = 5000 Lbs. (CASRN formula basis)

PRODUCT SAFETY INFORMATION

Al+Clear[®] Liquid 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