



PRODUCT DATA SHEET

CHARACTERISTICS

Pure 7[®] is a colorless inorganic liquid product for use on poultry litter on the pads.

TYPICAL PROPERTIES

Formula: Aqueous solution of aluminum sulfate and sulfuric acid

C.A.S 16828-12-9 / 7664-93-9 (Aluminum sulfate hydrate / 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 ₂ O ₃ , %	6.1 – 6.3
Aluminum as Al ₂ (SO ₄) ₃ • 14H ₂ O (Dry Alum), %	35 - 37
Free Acid, % as H ₂ SO ₄	7

PRODUCT USES

Poultry house ammonia control and litter acidification. Phosphorus binding

SHIPPING CONTAINERS

Bulk transport

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

The EPA reportable quantity (RQ) for aluminum sulfate is 5,000 lbs. and for sulfuric acid is 1,000 Lbs.

PRODUCT SAFETY INFORMATION

Pure 7 can cause irritation and possibly burn the skin and eyes, avoid contact with skin, eyes and clothing. Anyone disposing of this product or their containers must be familiar with the appropriate safety and handling precautions that are found on the **Material Safety Data Sheet (MSDS)** or you may contact Affinity Chemical Technical Service. In the event of an emergency with these products, call the **24 hour Emergency Number: USA (CHEMTREC) 800-424-9300**

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