



Aluminum Sulfate, FCC, Dry Food Grade PRODUCT DATA SHEET

CHARACTERISTICS

Aluminum Sulfate, Dry Food Grade is a white colored crystal, available in ground and powdered forms.

Meets all Food Chemicals Codex specifications. Certified Pareve and Kosher.

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
	(Powdered), lbs./cu. ft.	38 - 45
	Dry Alum Assay as $Al_2(SO_4)_3 \cdot 14H_2O$, %	>99
	Aluminum Assay as Al_2O_3 , %	17.0 (min)
	Alkalis and Alkaline Earths, %	0.22 (max)
	Ammonium Salts	Passes Test
	Fluoride (F), %	<0.0009
	Lead (Pb), ppm	<0.5
	Selenium (Se), %	<0.00005

PRODUCT USES

Firming agent. Anticaking and thickening agent. Water remineralizer and clarifier for soft drinks and beer. pH control for beets, tomatoes, and other vegetables. Sugar beet liquor clarification. Wines and liquor pH control and colorant agent. Cake mix leavening agent. Cheese curdling and thickening agent. Aluminum source for other aluminum based food grade chemicals.

SHIPPING CONTAINER

Ground: Bulk car; Bulk transport; 2000 lb. mini-bulk bag; 1000 lb. mini-bulk bag; 50 lb. bag

Powdered: 1650 lb. 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

Aluminum Sulfate, Dry Food Grade 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

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