



Aluminum Sulfate, FCC, Liquid Food Grade PRODUCT DATA SHEET

CHARACTERISTICS

Aluminum Sulfate, FCC, Liquid Food Grade is a clear, colorless solution.

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

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 - 4.3
	Aluminum (Assay) as Al ₂ O ₃ , %	8.0 - 8.2
	Alkalis and Alkaline Earths, %	0.11 (max)
	Ammonium Salts	Passes Test
	Fluoride (F), %	<0.0005
	Lead (Pb), ppm	<0.3
	Selenium (Se), %	<0.00003

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 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

PRODUCT SAFETY INFORMATION

Aluminum Sulfate, FCC, Liquid 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

All information, statements, data, advice and/or recommendations, including, without limitation, those relating to storage, loading/unloading, piping and transportation (collectively referred to herein as "information") are believed to be accurate and reliable. However, no representation or warranty, express or implied, is made as to its completeness, accuracy, fitness or a particular purpose or any other matter, including, without limitation, that the practice or application of any such information is free of patent infringement or other intellectual property misappropriation. General Chemical is not engaged in the business of providing technical, operational, engineering or safety information for a fee, and, therefore, any such information provided herein has been furnished as an accommodation and without charge. All information provided herein is intended for use by persons having requisite knowledge, skill and experience in the chemical industry. General Chemical shall not be responsible or liable for the use, application or implementation of the information provided herein, and all such information is to be used at the risk, and in the sole judgment and discretion, of such persons, their employees, advisors and agents.