



Liquid Ammonium Sulfate PRODUCT DATA SHEET

CHARACTERISTICS

Liquid Ammonium Sulfate is an odorless, clear, faint yellow to amber colored liquid. It is an advanced inorganic product suitable for industrial and municipal water and wastewater treatment applications.

NSF/ANSI Standard 60: Drinking Water Chemicals - Health Effects; Certified

TYPICAL PROPERTIES

Formula:	Aqueous solution of ammonium sulfate		
C.A.S.	7783-20-2 (Ammonium sulfate)		
	pH (neat)	3.0 - 5.0	
	Specific Gravity @ 70°F (21°C)	1.216 - 1.228	
	Freezing Point	Less than 10°F (-12°C)	
	Density, lbs/gal., U.S.	10.15 - 10.25	
	(NH ₄) ₂ SO ₄ , %	38 - 40	
	NH ₃ Equivalent, %	9.8 - 10.3	

PRODUCT USES

Municipal and industrial water and wastewater treatment for disinfection as a source of ammonia in chloramination. Disinfection byproduct control.

SHIPPING CONTAINERS

Bulk transport	Bulk car
275 gal. one way container	55 gal. plastic drum

SHIPPING REGULATIONS

DOT Classification: Not Regulated
RQ: Not Applicable

PRODUCT SAFETY INFORMATION

Liquid Ammonium Sulfate 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