

MATERIAL SAFETY DATA SHEET

CHEMICAL NAME & SYNONYMS AMMONIUM SULFATE and solutions		FLINN CATALOG NUMBER A0062, A0144, A0168, A0195, A0196, A0274
FORMULA (NH ₄) ₂ SO ₄	FORMULA OR ATOMIC WEIGHT 132.15	CAS NUMBER 7783-20-2
PHYSICAL DATA (DENSITY, SOLUBILITY, ETC.) Specific Gravity: 1.77 Soluble in water (44 %). Decomposes at 280 C.		
APPEARANCE AND ODOR Light tan to brown to white, odorless crystals.		
COMPATIBLE CHEMICAL FAMILY Inorganic #2 See Flinn Chemical Catalog/Reference Manual	DOT CLASS Not Regulated	REACTIVITY Stable
CONDITIONS TO AVOID (IF ANY): May explode if mixed with oxidizers. Contact with caustic liberates ammonia.		
HEALTH HAZARDS (IF ANY): Possible skin irritant. Not all health aspects of this substance have been fully investigated.		THRESHOLD LIMIT VALUE (TLV) IF ESTABLISHED None Established
FIRE HAZARDS (IF ANY): Non flammable Heat liberates toxic fumes of ammonia. Wear self-contained breathing apparatus.		
SPILLS AND LEAKS: Gather up material in a pile (do not sweep). Place in a suitable container. Use the disposal method listed on the right.		DISPOSAL METHOD 26a See Flinn Chemical Catalog Reference Manual
SPECIAL PRECAUTIONS (IF ANY): Wear chemical gloves and goggles. Prudent laboratory practices should be observed.		
FIRST AID (IF SUBSTANCE DANGEROUS): External: Wash affected parts with copious quantities of water. Internal: Wash mouth; see a physician. Eyes: Wash continuously for 15 minutes. See a physician.		
Consult your copy of the Flinn Chemical Catalog/Reference Manual for even more information about laboratory chemicals		

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Materials listed in this MSDS are classified in accordance with the definitions set forth in 29CFR parts 1915, 1916 and 1917.

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