

MATERIAL SAFETY DATA SHEET

CHEMICAL NAME & SYNONYMS AMMONIUM CARBONATE		FLINN CATALOG NUMBER A0043, A0226
FORMULA (NH₄)₂CO₃	FORMULA OR ATOMIC WEIGHT 96.09	CAS NUMBER 506-87-6
PHYSICAL DATA (DENSITY, SOLUBILITY, ETC.) Specific Gravity: 800-850 kg per cubic Meter Soluble in water. Decomposes in hot water. Mixture of ammonium acid carbonate and ammonium carbamate.		
APPEARANCE AND ODOR Colorless crystalline plates. Ammonia odor.		
COMPATIBLE CHEMICAL FAMILY Inorganic #4 See Flinn Chemical Catalog/Reference Manual	DOT CLASS Not Regulated	REACTIVITY Unstable
CONDITIONS TO AVOID (IF ANY): Avoid contact with heat. Decomposes to ammonia and CO ₂ above 136 F. Incompatible with sodium nitrite and nitrates.		
HEALTH HAZARDS (IF ANY): Slight irritant to skin, eyes and mucous membranes. Avoid inhalation as it may cause respiratory irritation. 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, non combustible		
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. Dust mask.		
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.		
<p align="center">Consult your copy of the Flinn Chemical Catalog/Reference Manual for even more information about laboratory chemicals</p>		

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This form adapted from USDL form LSD-005-4.

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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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