

MATERIAL SAFETY DATA SHEET

CHEMICAL NAME & SYNONYMS ALUMINUM NITRATE		FLINN CATALOG NUMBER A0029, A0030, A0286
FORMULA Al(NO ₃) ₃ 9H ₂ O	FORMULA OR ATOMIC WEIGHT 375.13	CAS NUMBER 7784-27-2
PHYSICAL DATA (DENSITY, SOLUBILITY, ETC.) Melting Point: 74 C Soluble in water (64%).		
APPEARANCE AND ODOR Colorless crystal. Very slight ammonia odor.		
COMPATIBLE CHEMICAL FAMILY Inorganic #3 See Flinn Chemical Catalog/Reference Manual	DOT CLASS Oxidizer	REACTIVITY Stable
CONDITIONS TO AVOID (IF ANY): Reducing agents and organic materials.		
HEALTH HAZARDS (IF ANY): Harmful if swallowed. Not all health aspects of this substance have been fully investigated.		THRESHOLD LIMIT VALUE (TLV) IF ESTABLISHED 2 mg/cu meter in air
FIRE HAZARDS (IF ANY): Decomposition emits NO _x toxic fumes. Non flammable.		
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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