

MATERIAL SAFETY DATA SHEET

CHEMICAL NAME & SYNONYMS BARIUM SULFATE (BARITE)		FLINN CATALOG NUMBER B0059, B0073, B0074, B0154, B0198
FORMULA BaSO ₄	FORMULA OR ATOMIC WEIGHT 233.43	CAS NUMBER 7727-43-7
PHYSICAL DATA (DENSITY, SOLUBILITY, ETC.) Specific Gravity: 4.3 Melting Point: 1580 C Insoluble in water.		
APPEARANCE AND ODOR Fine, white powder. Odorless.		
COMPATIBLE CHEMICAL FAMILY Inorganic #2 See Flinn Chemical Catalog/Reference Manual	DOT CLASS Not Regulated	REACTIVITY Stable
CONDITIONS TO AVOID (IF ANY): Stable non-hazardous substance. However, all laboratory chemicals should be treated with respect and caution.		
HEALTH HAZARDS (IF ANY): Substance not considered hazardous. However, not all health aspects of this substance have been thoroughly 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.		
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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