



Baumanometer®

FAQ

SECTION I: Manufacturer's Name Address	W.A. Baum Co., Inc. 620 Oak Street Copiague, NY 11726	Tel: 631-226-3940 Fax: 631-226-3969
Product Formula CAS No. Chemical Name	Replacement mercury for Baumanometer® sphygmomanometer 7439-97-6, UN, NA #2809 Metallic mercury, hydrargyrum, quicksilver, Hg	
SECTION II, SECTION III Boiling Point (° F & ° C) Specific Gravity (H₂O=1) Freezing Point (° F & ° C) Molecular Weight Vapor Pressure (mm Hg) Solubility in Water Appearance and Odor	COMPOSITION AND PHYSICAL PROPERTIES 674°F, 356.7°C 13.55 -38.0°F, -38.87°C 200.59 0.0012 0.002g/100g Silvery liquid - no odor	
SECTION IV NFPA Ratings (scale 0-4) CERCLA Ratings (scale 0-3)	HEALTH HAZARD DATA Health=3 Fire=0 Reactivity=0 Health=3 Fire=0 Reactivity=0 Persistence=3	
SECTION V Effects of Accute and Chronic Overexposure	HEALTH HAZARD DATA No danger until vapor level exceeds 0.05 mg/m ³ (TWA); also see Section XI regarding overexposure	
Emergency and First Aid Procedures	See Sections VII and IX Not Carcinogenic	
SECTION VI Stability Incompatibility (Materials to Avoid)	REACTIVITY DATA Stable Acetylene, acetylene gases, ammonia gases, boron This material amalgamates with Au, Cu, Ag, Sn, Al	
Hazardous Decomposition Products Hazardous Polymerization Conditions to Avoid	Mercury vapor when heated Will not occur Heat, high temperature	
SECTION VII Steps to be Taken in Case Material is Released or Spilled	SPILL OR LEAK PROCEDURES Increase ventilation in area of spill, collect spilled material for reclamation. wear disposable gloves, draw up with a syringe	
Waste Handling and Disposal Method	Store in closed containers. Don not incinerated mercury or dispose of it inappropriately or improperly; recycle it	
Reportable Spill Quantity (RQ)	One pound or greater, CERCLA Section 103, SARA Section 304 A Baumanometer® instrument contains approximately 1/4 pound of mercury; about 2 teaspoonfuls	
SECTION VIII	OCCUPATIONAL PROTECTIVE MEASURES (For Persons Using Baumanometer® Replacement Mercury	

Ventilation	Provide local exhaust or dilution to meet permissible exposure limits
Protective Gloves	Suggested, latex or vinyl
Eye Protection	Suggested
SECTION IX: Handling and Storage Precautions	SPECIAL PRECAUTIONS Avoid breathing vapor, use adequate ventilation, wash skin with soap and water after contact, no drinking, smoking or eating where mercury is handled. Remove jewelry before handling. Do not heat. Work on a nonporous surface with a lip, clean up all droplets, wear disposable gloves.
SECTION X:	TRANSPORTATION
Shipping Name	Replacement Mercury
Hazard Class	8 (Corrosive Material)
SECTION XI:	EFFECTS OF ACUTE AND CHRONIC OVEREXPOSURE
	NOTE: "Overexposure" occurs when an individual is exposed to toxic levels over an extended period of time
Acute Overexposure	Metallic taste, salivation, swelling of gums, vomiting, and bloody diarrhea
Chronic Overexposure	May show same symptoms as for acute, although less pronounced. Prolonged exposure over long periods of time may lead to a disease of the nervous system characterized by market tremor, unsteady gait, and personality changes. Sources of this information: NY State Department of Health; and Massachusetts Department of Labor and Industries.)
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