

Flinn Scientific, Inc.

504.00

MATERIAL SAFETY DATA SHEET

CHEMICAL NAME & SYNONYMS MERCUROUS CHLORIDE (CALOMEL)		FLINN CATALOG NUMBER M0048, M0134
FORMULA <p style="text-align: center;">HgCl</p>	FORMULA OR ATOMIC WEIGHT <p style="text-align: center;">236.07</p>	CAS NUMBER 10112-91-1
PHYSICAL DATA (DENSITY, SOLUBILITY, ETC.) Specific Gravity: 6.993 Melting Point: 302 C Insoluble in water, dilute acids and alcohol and ether.		
APPEARANCE AND ODOR White, odorless, rhombic crystals or powder. Darkens on exposure to light. Tasteless.		
COMPATIBLE CHEMICAL FAMILY Inorganic #2 See Flinn Chemical Catalog/Reference Manual	DOT CLASS <p style="text-align: center;">Poison</p>	REACTIVITY <p style="text-align: center;">Stable</p>
CONDITIONS TO AVOID (IF ANY): Protect from light. Avoid skin contact; do not breathe dust. Avoid contact with strong oxidizing and reducing agents. Decomposed by alkalis.		
HEALTH HAZARDS (IF ANY): Toxic by ingestion. Not all health aspects of this substance have been fully investigated.		THRESHOLD LIMIT VALUE (TLV) IF ESTABLISHED <p style="text-align: center;">0.5 mg/cu meter as mercury</p>
FIRE HAZARDS (IF ANY): Decomposition releases mercury toxic fumes. Not 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 <p style="text-align: center;">27f</p> See Flinn Chemical Catalog Reference Manual
SPECIAL PRECAUTIONS (IF ANY): Wear chemical gloves and goggles. Use and dispense only in a fume hood. Practice strict hygiene when using this material.		
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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