



Product Specification

Product Name: MERCURY(I) CHLORIDE AR

Alternate Name(s) Calomel; mercury monochloride; mercury protochloride; mercurous chloride.

Description

White, rhombic crystals or crystalline powder. Odourless. Stable in air, but darkens on exposure to light.

Decomposed by alkalis.

Properties

Chemical Formula: Hg_2Cl_2

Molecular Weight: 472.09

Product Code: MA095

CAS No. 10112-91-1

General Information:

Insoluble in water, ether, alcohol and cold dilute acids. Incompatible with halides, alkalis, sulfur compounds, hydrogen peroxide, alkali metals and metals. Non combustible material.

Quality Specification

Assay: 99.5% min.

Specific Properties and Impurities [Typical levels]:

Melting Point	302 °C
Boiling Point	384 °C
Specific Gravity	6.993
Mercuric salt (Hg)	≤ 0.0005%
Sulfate (SO ₄)	≤ 0.01%
Non-volatile matter	≤ 0.02%

Hazard and Safety Data

UN Group:	III
Class:	6.1
UN Number:	2025
Hazchem code:	2X
CS MSDS Code:	1CHHP
Poison schedule:	S7
Emergency Procedure Guide No.:	34

CONFORMS TO ACS

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