



Product Specification

Product Name: MERCURY (II) CHLORIDE POWDER AR

Alternate Name(s) MERCURIC CHLORIDE

Description

White crystals or powder; odourless.

Properties

Chemical Formula: HgCl₂

Molecular Weight: 271.5

Product Code: MA047

CAS No. 7487-94-7

General Information:

Soluble in alcohol, ether, pyridine and acetic acid. Incompatible with Formates, sulfites, hypophosphites, phosphates, sulfides, sodium, potassium, albumin, alkalies, etc.

Quality Specification

Assay: 99.5% min.

Specific Properties and Impurities [Typical levels]:

Melting Point	276 °C
Boiling Point	303 °C
Vapour Pressure (@ 136.2 °C)	1 mmHg
Specific Gravity (@ 25 °C)	5.44
Solubility in Water (@ 20 °C)	74 g/L
Solution in ethyl ether	Passes test
Residue after reduction	≤ 0.02%
Iron (Fe)	≤ 0.002%

Hazard and Safety Data

UN Group:	II
Class:	6.1
UN Number:	1624
Hazchem code:	2X
CS MSDS Code:	1CH4C
Poison schedule:	S7
Emergency Procedure Guide No.:	37

CONFORMS TO ACS

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