



Product Specification

Product Name: MERCURY (II) IODIDE Red AR

Alternate Name(s) MERCURY IODIDE

Description

Red crystals or powder; turn yellow when heated to 130 °C, returning to red on cooling. Odourless.

Properties

Chemical Formula: HgI₂
Molecular Weight: 454.4

Product Code: MA074
CAS No. 7774-29-0

General Information:

Insoluble in water. Soluble in boiling alcohol and in solutions of hot alkali chloride solutions. Incompatible with strong oxidising agents. Non combustible material.

Hazard and Safety Data

UN Group: II
Class: 6.1
UN Number: 1638
Hazchem code: 2X
CS MSDS Code: 1CHJH
Poison schedule: S7
Emergency
Procedure Guide No.: 34

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Melting Point	259 °C
Boiling Point	349 °C
Specific Gravity	6.28
Solubility in potassium iodide solution	Passes test
Mercurous mercury (as Hg)	≤ 0.1%
Soluble mercury salts (as Hg)	≤ 0.05%

CONFORMS TO ACS

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