



Product Specification

Product Name: MERCURY(I) NITRATE Dihydrate LR

Alternate Name(s) Mercurous nitrate.

Description

White to yellow crystalline powder; effloresces and becomes anhydrous in dry air; sensitive to light. Slight odour of nitric acid.

Properties

Chemical Formula:

Molecular Weight: 561.22

Product Code: ML051

CAS No. 7782-86-7

General Information:

Incompatible with phosphorus and combustible material. Very toxic if swallowed or by dust inhalation. Not combustible but assists combustion of other substances.

Hazard and Safety Data

UN Group: II
Class: 6.1
UN Number: 1627
Hazchem code: 2Z
CS MSDS Code: 1CH4E
Poison schedule: S7
Emergency
Procedure Guide No.: 31

Quality Specification

Assay: 95.0% min.

Specific Properties and Impurities [Typical levels]:

Sulfate (SO ₄)	≤ 0.05%
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.05%

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