



Product Specification

Product Name: MERCURY(II) NITRATE Monohydrate AR

Alternate Name(s) MERCURIC NITRATE

Description

Colourless crystals or white powder, turning yellow during storage. Deliquescent. Odour of nitric acid. Mild oxidizing agent.

Properties

Chemical Formula:

Molecular Weight: 342.62

Product Code: MA066

CAS No.: 7783-34-8

General Information:

Soluble in dilute acids. Incompatible in reducing agents and aluminium. Not combustible but assists combustion of other substances.

Hazard and Safety Data

UN Group: II
Class: 6.1
UN Number: 1625
Hazchem code: 2X
CS MSDS Code: 1CHF9
Poison schedule: S7
Emergency
Procedure Guide No.: 31

Quality Specification

Typical Assay: 98.0% min.

Specific Properties and Impurities [Typical levels]:

Melting Point (anhydrous)	79°C
Specific Gravity	4.3
Solubility in Water (@ 20 °C)	20 g/L
pH Value (10 g/L aqueous solution)	3
Residue after reduction	0.01%
Chloride (Cl)	0.002%
Sulfate (SO4)	0.002%
Iron (Fe)	0.001%

CONFORMS TO ACS

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38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

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