

Product Specification

Product Name: METAPHOSPHORIC ACID LR

Alternate Name(s) Phosphoric acid, glacial

Description

Transparent, highly deliquescent, glassy sticks.

Properties

Chemical Formula: HPO_3

Molecular Weight: 79.98

Product Code: ML075

CAS No.: 37267-86-0

General Information:

Hygroscopic. Avoid metals, strong bases, nitromethane and water. Soluble in water, slowly forms the ortho-acid. Soluble in alcohol.

Hazard and Safety Data

UN Group: III
Class: 8
UN Number: 3453
Hazchem code: 2X
CS MSDS Code: 1CHQ9
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: 37

Quality Specification

Assay: 40.0 - 50.0%

Specific Properties and Impurities [Typical levels]:

Stabiliser (NaPO3)	50.0 - 60.0%
Chloride (Cl)	0.005%
Sulfate (SO4)	0.02%
Iron (Fe)	0.002%
Lead (Pb)	0.002%

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