



Product Specification

Product Name: SODIUM DIHYDROGEN ORTHOPHOSPHATE LR

Alternate Name(s) Monosodium dihydrogen phosphate; Sodium acid phosphate; Sodium phosphate monobasic.

Description
White crystalline powder. Slightly hygroscopic.

Properties

Chemical Formula: NaH_2PO_4
Molecular Weight: 119.98

Product Code: SL061
CAS No. 7558-80-7

General Information:

Soluble in water. Incompatible with formaldehyde, strong bases and magnesium.
Mildly corrosive to steel and aluminium. Non combustible.

Hazard and Safety Data

UN Group: None Allocated
Class: None Allocated
UN Number: None Allocated
Hazchem code: None Allocated
CS MSDS Code: 1CH6C
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: N/A

Not classified as hazardous according to the criteria of ASCC.

Quality Specification

Assay: 98.0% min.

Specific Properties and Impurities [Typical levels]:

Solubility in Water	850 g/L (20 °C)
pH Value (1% solution)	4.4-4.5
Lead (as Pb)	≤ 0.001%
Fluoride	≤ 0.005%
Arsenic	≤ 0.001%
Loss on drying	≤ 2.0%

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