

Product Specification

Product Name: SODIUM HEXAMETAPHOSPHATE LR

Alternate Name(s) Sodium polymetaphosphate; Calgon T; Graham's salt; sodium
Description metaphosphate; polyphosphoric acid, sodium salt; SHMP.
White or clear, odorless, free flowing granules.

Properties

Chemical Formula: $(\text{NaPO}_3)_6$

Molecular Weight: 611.77

Product Code:

SL025

CAS No.

68915-31-1

General Information:

Insoluble in organic solvents. Incompatible with magnesium.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH8K

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: Equivalent P₂O₅, 66.5% min.

Specific Properties and Impurities [Typical levels]:

pH Value (1% solution)	5.8-7.3
Insolubles	≤ 0.1%
Arsenic (As)	≤ 0.0003%
Fluoride (F)	≤ 0.003%
Iron (Fe)	≤ 0.05%
Heavy metals (as Pb)	≤ 0.001%

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