



Product Specification

Product Name: SODIUM NITRATE LR

Alternate Name(s)

Description

White granules or powder, or colourless, transparent crystals; deliquescent; odourless; saline slightly bitter taste.

Properties

Chemical Formula: NaNO_3

Molecular Weight: 84.99

Product Code: SL098

CAS No.: 7631-99-4

General Information:

Soluble in glycerol. Incompatible with strong reducing agents, finely powdered metals, strong acids, organic materials. Explosive with boron phosphide, cyanides, sodium thiosulfate.

Hazard and Safety Data

UN Group: III

Class: 5.1

UN Number: 1498

Hazchem code: 1Z

CS MSDS Code: 1CH6M

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: 31

Quality Specification

Assay: 98.0% min.

Specific Properties and Impurities [Typical levels]:

Chloride (Cl)	0.05%
Sulfate (SO ₄)	0.01%
Phosphate (PO ₄)	0.001%
Iron (Fe)	0.002%

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