



Product Specification

Product Name: SODIUM CARBONATE Anhydrous LR

Alternate Name(s) Soda ash; washing soda; soda; dry alkali; sal soda; calcined soda; carbonic acid, disodium salt; solvay soda; bisodium carbonate.
Description
Greyish white powder or lumps. Hygroscopic.

Properties

Chemical Formula: Na_2CO_3
Molecular Weight: 105.99

Product Code: SL099
CAS No.: 497-19-8

General Information:

Soluble in glycerol. Insoluble in alcohol. Corrodes aluminium and zinc. Incompatible with strong acids and alkaline earth metals in powder form.

Quality Specification

Assay: 99.2% min.

Specific Properties and Impurities [Typical levels]:

| | |
|---|-----------|
| Total alkalinity (as Na ₂ O) | 58.0% |
| Sulfate (as SO ₄) | 0.2% |
| Iron (as Fe ₂ O ₃) | 0.002% |
| Chloride (as NaCl) | 0.1% |
| Bulk density (g/cm ³) | 0.89-1.12 |
| Retained on 30 mesh (600 micron) | 5.0% |
| Retained on 100 mesh (150 micron) | 85.0% |
| Passing through 200 mesh (75 micron) | 3.0% |

Hazard and Safety Data

UN Group: None Allocated
Class: None Allocated
UN Number: None Allocated
Hazchem code: None Allocated
CS MSDS Code: 1CH68
Poison schedule: S5
Emergency Procedure Guide No.: N/A

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