

# N A T R I U M P R O D U C T S , I N C .

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## TECHNICAL DATA SHEET

### HIGH PURITY SODA ASH (SODIUM CARBONATE)

Molecular Formula:  $\text{Na}_2\text{CO}_3$

Molecular Weight: 105.99

CAS Number: 497-19-8

### REQUIREMENTS

|   |              |
|---|--------------|
| Sodium Carbonate (as $\text{Na}_2\text{CO}_3$ ) | 99.8% min.   |
| Sodium Chloride (as NaCl)                       | 0.010% max.  |
| Iron (as Fe)                                    | 5 ppm max.   |
| Calcium (as Ca)                                 | 125 ppm max. |
| Magnesium (as Mg)                               | 50 ppm max.  |

### GRANULATION INFORMATION (TYPICAL ANALYSIS)

Typical Granulation

(Cumulative retained on U.S. Std. Sieves):

|           |            |
|-----------|------------|
| 30 Mesh   | 0 – 6 %    |
| 100 Mesh: | 91 – 99 %  |
| 200 Mesh: | 98 – 100 % |

Typical Bulk Density: 59 – 64 lb./ft<sup>3</sup> (953 – 1019 g/L)