



# Product Specification

## Product Name: SODIUM CARBONATE Anhydrous AR

Alternate Name(s) Soda ash; washing soda; soda; dry alkali; sal soda; calcined soda; carbonic acid, disodium salt; solvay soda; bisodium carbonate.

Description  
White Hygroscopic powder.

### Properties

Chemical Formula:

Molecular Weight: 105.99

Product Code: SA099

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.

### 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

### Quality Specification

Assay: 99.5% min.

### Specific Properties and Impurities [Typical levels]:

Identity	Passes test
Appearance of solution	Passes test
Insoluble matter in water	≤ 0.01%
Moisture (at 300°C)	≤ 0.5%
Chloride (Cl)	≤ 0.002%
Phosphate and silicate (as SiO <sub>2</sub> )	≤ 0.005%
Total Sulphur (as SO <sub>4</sub> )	≤ 0.005%
Heavy Metals (as Pb)	≤ 0.0005%
Arsenic (As)	≤ 0.0005%
Calcium (Ca)	≤ 0.03%
Iron (Fe)	≤ 0.0005%
Potassium (K)	≤ 0.01%
Magnesium (Mg)	≤ 0.005%

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