



PRODUCT SPECIFICATION

Product Name: SODIUM CARBONATE Anhydrous TG

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

Properties

Chemical Formula: Na_2CO_3

Molecular Weight: 105.99

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: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Melting Point	851 °C
Boiling Point	1600 °C
Specific Gravity	2.532
Solubility in Water	220 g/L (20 °C)
pH Value (50 g/L, H ₂ O, 25 °C)	11.5
Sodium Chloride (NaCl)	0.5 %w/w

Product Code: ST099

CAS No. 497-19-8

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

Risk

Irritating to eyes.

Safety

Do not breathe dust.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

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