Summary Technical Data Sheet

Caustic Soda 50% Membrane Grade

Product Name: Caustic Soda 50% Membrane Grade

Synonyms: Caustic Soda 50% Liquid – Membrane Grade, Sodium Hydroxide 50% Solution

Appearance: clear colorless liquid

Odor: odorless

Solubility: miscible with water

pH: >14

Product Specifications

Properties	Specifications
Sodium Hydroxide, NaOH	49.00 – 51.00 %
Sodium Oxide, Na_2O	38.00 – 39.50 %
Sodium Chloride, NaCl	≤ 1.1 %
Iron, Fe	≤ 7.0 ppm
Sodium Carbonate, Na_2CO_3	≤ 0.2 %
Sodium Sulfate as Na_2SO_4	≤ 600 ppm

Caustic Soda 50% Membrane Grade is a solution of 50% of Sodium Hydroxide in water. Sodium Hydroxide is a strong base with numerous applications in chemical processing, pulp and paper, detergents, textiles, water treatment and degreasing.

Caustic soda is used as a raw material for producing soap and anionic surfactants in the detergent industry. It is also used in water softening and treatment, drilling mud in oil fields, refining petroleum products, in sanitation, and chemical production. It is a powerful neutralizing agent with applications in petroleum refining and gas scrubbing. It is also used for etching and electroplating.

Storage and Handling: Keep containers tightly closed in a cool, dark, ventilated place.

Packaging: 70.5 lb **/** 32 kg, 683 lb / 310 kg

Transport Regulations: UN 1824. Class 8. Packing Group II.

The above information, while not guaranteed, reflects our analysis and believed to be accurate. It is the end user's responsibility, prior to use of the above mentioned product to determine the suitability of the product. Aqua Bond shall not be, directly or indirectly responsible for damages of any nature whatsoever resulting from the use or reliance upon the above information.
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