Summary Technical Data Sheet

Sodium Bisulfite 38%

Product Name: Sodium Bisulfite 38%

CAS Number (Sodium Bisulfite): 7631-90-5

Formula (Sodium Bisulfite): $NaHSO_3$

Synonyms:

Sodium Bisulfite 38% Solution,

Sodium Bisulphite 38%,

Sodium hydrogen sulfite 38%,

Sodium Pyrosulfite 38%

Appearance: liquid, clear to yellow

Odor: pungent

Typical Product Specifications

Sodium Bisulfite ($NaHSO_3$)	38 - 42 %
pH	3.6 – 4.6
Specific gravity, 25 °C	1.310 – 1.370

Sodium Bisulfite is a reducing agent and reacts readily with dissolved oxygen. Sodium Bisulfite is used for the dechlorination of water and wastewater, boiler water treatment, flue gas desulfurization.

In the treatment of drinking water, Sodium Bisulfite is added after super chlorination, to diminish the residual chlorine.

In the treatment of wastewater, Sodium Bisulfite is added after disinfection with chlorine before discharging the effluent. Excess of chlorine can have negative effects on aquatic life.

It is an efficient agent for the removal of excess chlorine, bromine, iodine, potassium permanganate, and chromium trioxide.

Sodium bisulfite is also used for preventing oxidative corrosion in large piping systems.

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

Packaging: 2976 lb / 1350 kg

Transport Regulations: UN2693. Hazard Class 8. Packing Group III.

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.
Revised 2020/01/06

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