AQUABOND
Chemistry for Tomorrow

Summary Technical Data Sheet

Sodium Metabisulfite

Product Name: Sodium Metabisulfite

CAS Number: 7681-57-4

Formula: $Na_2S_2O_5$

Molecular weight: 190.11 g/mol

Appearance: white powder

Density: 1.48 g/cm^3

Solubility in water:

39.5 wt % at 20 °C;

41.6 wt% at 40 °C;

44.6 wt% at 60 °C.

Typical Product Specifications

Sodium Metabisulfite ($Na_2S_2O_5$)	≥ 98 %
pH (10% w/v solution)	4.0 – 5.5
SO_2	≥ 66 %

Sodium metabisulfite is an effective sanitizer and cleaning agent for brewing and winemaking equipment, water purification systems and water treatment.

Sodium metabisulfite is effective in water treatment for the removal of excess chlorine from drinking water after treatment; steam boiler water treatment; removal of excess chlorine from wastewater.

It also has applications in gas purification, textiles and pulp processing. It is used in leather processing to make it soft, tough, and waterproof.

Storage and Handling: Keep containers tightly closed in a cool, dark, ventilated place. Avoid elevated temperatures. Sodium metabisulfite decomposes at temperatures above 150°C (302°F) and forms hazardous sulfur dioxide gas.

Packaging: 55 lb / 25 kg

Transport Regulations: Not classified as dangerous goods (for reference only).

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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