AQUABOND
Chemistry for Tomorrow

Summary Technical Data Sheet

Sulfamic Acid 99%

Product Name: Sulfamic Acid 99%
Synonyms: Sulphamic Acid,
Amidosulfonic acid
CAS Number: 5329-14-6
Formula: NH_2SO_3H
Molecular weight: 97.09 g/mol
Appearance: white powder
Melting Point: 205 °C
pH: 1.5 at 10 g/L at 20 °C

Typical Product Specifications

Properties	Specifications
Assay	≥ 99.0 %
Sulfate	≤ 0.05 %
Iron	≤ 25 ppm
Loss on drying	≤ 0.1 %
Chloride	≤ 0.01 %
Lead	≤ 10 ppm
Heavy metal	≤ 10 ppm
Mesh	20~100 mesh

Sulfamic acid is a white powder that is soluble in water and is a moderately strong acid. Sulfamic acid is a very efficient rust remover, descaling agent, and cleaning agent. It is an alternative for hydrochloric acid, which is more volatile and irritating. Aqueous solutions of sulfamic acid are less corrosive toward metals than other acids like hydrochloric acid. Sulfamic acid is a useful cleaning agent in the food industry, since it can rapidly dissolve hardness deposits without causing offensive odours.

Sulfamic acid is an efficient solubiliser for mineral scale deposits, which makes it effective for the removal of scale from boilers, coils, heat exchangers, cooling towers, condensers. Sulfamic acid is a component of household cleaners and detergents, especially for the removal of limescale.

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

Packaging: 55 lb/25 kg

Transport Regulations: UN2967. 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

440 Passmore Avenue, Toronto, Ontario M1V 5J8 Phone: 416-754-7211 www.aquabond.ca