The Worldwide Resource...

Est. 1995

THE BTTCO OVERSEAS

A Govt. of India Recognized *Star Export House*

from local roots to global routes

TECHNICAL DATA SHEET
SULFAMIC ACID CRYSTAL

Product Identification

Product Name	: SULFAMIC ACID CRYSTAL
Chemical Name	: Amido sulfonic Acid
Synonyms	: Sulphamic Acid, Amidosulfuric Acid, Amino sulfonic Acid, Sulfamidic Acid
CAS No	: 5329-14-6
UN No	: 2967
Hazz Class	: 8
Packing Group	: III

Product Description

Sulfamic Acid is a white, odorless, crystalline solid with strong acidic properties. It is highly soluble in water and is widely used as a descaling agent, cleaning chemical, pH regulator, and intermediate in the manufacture of dyes, pigments, and specialty chemicals. It offers excellent stability under normal storage conditions and is safer to handle than many liquid mineral acids.

Specifications

Sr. No	Parameters	Specification
01	Appearance	White Crystalline Powder
02	Molecular Weight	97.09 g/mol
03	Purity	99.50% Min
04	Moisture/Lod	0.30% Max
05	Vapor Density	3.3
06	Sulphate	0.10%
07	Iron As Fe	< 15 PPM
08	LEAD (AS Pb)	0.0003% Max
09	Water Insoluble	≤ 0.10%
10	Melting Point	205 °C

Industrial Applications

- Descaling and cleaning of boilers, heat exchangers, cooling systems, and pipelines.
- Metal surface treatment and electroplating operations.
- Manufacturing of dyes, pigments, and specialty chemicals.
- Pulp and paper processing.
- Textile processing and bleaching.
- Cleaning formulations for dairy, food processing, and beverage industries.
- pH control and acidification in various industrial processes.
- Laboratory reagent and chemical intermediate.

6, Ashirvad Complex, Nr. Sardar Patel Seva Samaj Hall, Navrangpura, Ahmedabad-380 009
Phone: +91 79 2640 6891, 2644 6891, 2646 6891 * +91 942 659 6891 /+91 982 500 0547
Email: sales@bttcogroup.com Website: www.bttcogroup.com

Storage & Handling: Store in a cool, dry, and well-ventilated area away from moisture and incompatible materials such as strong alkalis and oxidizing agents. Keep the container tightly closed when not in use. Avoid generating dust and use appropriate personal protective equipment, including gloves, safety goggles, and a dust mask during handling.

Packing:

- 25 KGS PP BAG WITH INNER PP LINER

6, Ashirvad Complex, Nr. Sardar Patel Seva Samaj Hall, Navrangpura, Ahmedabad-380 009
Phone: +91 79 2640 6891, 2644 6891, 2646 6891 * +91 942 659 6891 /+91 982 500 0547
Email: sales@bttcogroup.com Website: www.bttcogroup.com