



GLOBALFUND TRADING XCHANGE

Specification of Products

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GFTx
CHEMICALS

Sulfamic Acid

PRODUCT SPECIFICATION



Sulfamic acid from Hengguang's sulfur-chemical base in Hengyang, Hunan, China — a stable, non-volatile solid acid that is easy to handle, for descaling and industrial cleaning, water and pool disinfection, pulp and paper, textiles and metal treatment. Supplied worldwide by GFTx under the GFTx Chemicals brand, with the certificate of analysis on request.

IDENTITY

Chemical name	Sulfamic acid (amidosulfonic acid)
Formula	H_3NSO_3 ($\text{H}_2\text{NSO}_3\text{H}$)
CAS number	5329-14-6
EC number	226-218-8
Molar mass	97.09 g/mol
Appearance	White crystalline solid

PHYSICAL PROPERTIES (LITERATURE VALUES)

Density	$\approx 2.15 \text{ g/cm}^3$
Melting point	$\approx 205 \text{ }^\circ\text{C}$, with decomposition
Solubility in water	Soluble

HAZARD CLASSIFICATION (CLP)

Signal word	Warning
H315	Causes skin irritation
H319	Causes serious eye irritation
H412	Harmful to aquatic life with long lasting effects

TRANSPORT

UN number	UN 2967
Proper shipping name	Sulphamic acid
Class	8 (corrosive substance)
Packing group	III

SUPPLY

Brand	GFTx Chemicals
Producer	Hunan Hengguang Technology Co., Ltd., Hengyang base, Hunan, China
Packing	On request
Documents	Certificate of analysis (COA) and safety data sheet (SDS) on request

APPLICATIONS

Descaling & industrial cleaning · Water & pool disinfection · Pulp & paper (bleaching aid, de-inking) · Dyeing & textiles · Electroplating & metal treatment · Chemical intermediate (e.g. saccharin)

SAFETY & COMPLIANCE

- ✓ **Irritant solid acid** — causes skin and serious eye irritation; wear gloves and eye protection as named in the safety data sheet
- ✓ **Dangerous goods** — shipped as UN 2967, class 8, packing group III
- ✓ **Documents** — safety data sheet (SDS) in the language of the destination country, and the certificate of analysis (COA) on request

Identity, hazard and transport data of sulfamic acid as supplied by GFTx Chemicals; physical properties are literature values. Purity and impurity values are stated in the producer's certificate of analysis (COA), available on request. Prices and availability are quoted on request: info@globalfundtrading.net.