

## **Technical Datasheet**

**Product** : Sulfamic Acid  
**Molecular Formula** : NH<sub>2</sub>SO<sub>3</sub>H  
**Molecular Weight** : 97.09

### **Properties**

- White orthorhombic crystal
- Non-volatile, non-hygroscopic, smell-less
- High stability at normal temperature and can maintain original quality for several years
- Freely soluble in water and liquid ammonia, strongly acidic in water solution
- Slightly soluble in methanol, insoluble in ethanol and ether
- Melting point 205°C, decomposing temperature 209°C

### **Specifications**

Name of Index	MIN.	MAX.
Sulfamic Acid	≥ 99,60 %	-
Sulphate (SO <sub>4</sub> )	-	≤ 0,05 %
Insoluble in Water	-	≤ 0,01 %
Iron (Fe)	-	≤ 0,001 %
Heavy Metals (Pb)	-	≤ 0,0003 %
Chloride (CL)	-	≤ 0,002 %
Moisture Content	-	≤ 0,03 %

### **Usage**

- Used as cleaning / descaling agent  
Sulfamic Acid is an effective descaling agent and acts as cleaning agent of limescale, rust & corrosion for (dis) washing machined, household equipment, boilers
- Paper & Pulp Industry
- Manufacturing of Dyes & Pigments
- Leather tanning (deliming and pickling)
- Chlorine Stabilization (swimming pools & cooling towers)

### **Packaging, Storage and Transportation**

- 25 Kg paper bags
- Store in dry, cool & clean place
- Protect from sunshine, rain, moisture & acids