

SULFAMIC ACID

ALKALINITY CONTROLLER

Sulfamic Acid is a dry, non-volatile, non-hygroscopic, stable solid. It is soluble in water and forms a strongly acidic aqueous solution that is comparable in acidity to the common strong mineral acids, but it can be safely handled and stored in the dry form.

Sulfamic Acid is used to reduce the pH of fluids requiring adjustment prior to disposal. **Sulfamic Acid** has many advantages over its alternatives, such as ease of handling, solubility and low corrosiveness.

PHYSICAL PROPERTIES:

Appearance: White crystalline
Specific Gravity: 2.126
Moisture Content: 0.05%

CHEMICAL PROPERTIES:

Type: Acid
Solubility: Soluble (22g/100g water @ 20°C)
pH: 1.18 (1% solution)

MIXING & HANDLING

As with most highly reactive products dry **Sulfamic Acid** should always be added to water, rather than the opposite, to prevent a violent reaction from occurring.

At room temperature, diluted aqueous **Sulfamic Acid** is stable for a long period of time but hydrolysis occurs at elevated temperatures.

Rubber gloves, full clothing, rubber apron and eye and face protection are recommended when mixing to avoid contact with unprotected skin. Contaminated clothing should be laundered before reuse.

WHMIS: Controlled (see SDS)
TDG: Regulated
Packaging: 25kg sack

