

# TECHNICAL BULLETIN



19 Motivation Dve Wangara, WA, 6065 AUSTRALIA  
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Date of Issue: 4/4/2016

Last revision: February 2016

File C:\Users\Conrado Concepcion\AppData\Local\Temp\WordHelper\SulfamicAcid.docx

## SULFAMIC ACID

**SULFAMIC ACID**  
Contains 995 g/kg SULFAMIC ACID

**WARNING**  
**Causes skin irritation**  
**Causes serious eye irritation**  
**Harmful to aquatic life with long lasting effects**

Wear protective gloves/protective clothing/eye protection/face protection.  
IF ON SKIN: Wash with plenty of soap and water.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Dispose of contents/container in accordance with local/regional/national/international regulations




**EMERGENCY INFORMATION:**  
SPILL S: Prevent runoff into drains and waterways. Shovel into drums for disposal. Residues should be neutralised with sodium carbonate solution. Additional information is listed in the Material Safety Data Sheet.  
**IN AN EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE**

**UN 2967 SULFAMIC ACID CLASS 8 HAZ CHEM 2X PG III**

**CONTENTS L**  
**BATCH NO.**

101000003

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### MATERIAL & FUNCTION

**SULFAMIC ACID (SULPHAMIC ACID)** is a white crystalline powder used to remove protein and scale deposits left by foodstuffs, milkstone and hard water etc.

### APPLICATION

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**SULFAMIC ACID** is used to remove mineral deposits, protein, hard water scale and milkstone from surfaces such as stainless steel, plastic, rubber and tile etc. **SULFAMIC ACID** may be used in conjunction with an alkali based cleaner such as **CIP CLEAN, TANK CLEAN or SOLO PLUS**

## DIRECTIONS FOR USE

**SULFAMIC ACID** should be diluted at 1 to 5 grams per litre of water depending on water hardness and nature of application. Best results are obtained at 70°C - 85°C. Allow a contact time of 3 to 10 minutes before draining and rinsing with clean water. Where heavy scale deposits are encountered it may be necessary to soak the surface for periods up to 30 minutes.

Typical Properties:

|                   |                     |
|-------------------|---------------------|
| Specific Gravity: | 2.126               |
| Melting Point:    | 209°C               |
| Boiling Point:    | Decomposes at 209°C |
| Vapor Pressure:   | Not volatile        |
| Evaporation Rate: | Not volatile        |

**Solubility** in Water: wt% g/100g H<sub>2</sub>O

@ 15.6°C 17 21

@ 20.0°C 18 22

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@ 26.7°C                      19 24

@ 37.8°C                      22 28

@ 60.0°C                      27 37

@ 71.1°C                      30 43

pH value:                      1.18 in 1% aqueous solution

**PACKAGING**      25kg bags.

## IMPORTANT NOTICE TO CUSTOMER

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product that is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.***