



## MATERIAL SAFETY DATA SHEET

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Sulfanilic Acid Cert Acs 500g

22230

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MSDS Name:** Sulfanilic Acid Cert Acs 500g

**Catalog Numbers:**

S/8680, S/8720

**Synonyms:**

**Company Identification:** Fisher Scientific UK

Bishop Meadow Road  
Loughborough, Leicestershire  
LE11 5RG, UK

For information, call: 01509 231166

For emergencies, call: 01509 231166

### SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	:	121-57-3
Chemical Name	:	BENZENESULFONIC ACID, 4-AMINO-
%	:	
EINECS#	:	204-482-5
Haz Symbols	:	XN
Risk Phrases	:	20/21/22

### SECTION 3 - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Harmful by inhalation, in contact with skin and if swallowed.

#### Potential Health Effects

The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

### SECTION 4 - FIRST AID MEASURES

#### Eyes:

Not available.

#### Skin:

Not available.

#### Ingestion:

Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

**Inhalation:**

Not available.

**Notes to Physician:**

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**SECTION 5 - FIRE FIGHTING MEASURES**

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**General Information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing Media:**

In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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General Information: Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Sweep up, then place into a suitable container for disposal.

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**SECTION 7 - HANDLING and STORAGE**

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**Handling:**

Not available.

**Storage:**

Not available.

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**SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

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**Engineering Controls:**

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

**Personal Protective Equipment****Eyes:**

Wear safety glasses and chemical goggles if splashing is possible.

**Skin:**

Wear appropriate protective gloves and clothing to prevent skin exposure.

**Clothing:**

Not available.

**Respirators:**

Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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Physical State: Solid  
Color: Slightly blue to greyish colored micro-crystalline powder  
Odor: Not available.  
pH: Not available.  
Vapor Pressure: Not available.  
Viscosity: Not available.  
Boiling Point: Not applicable.  
Freezing/Melting Point: 550 deg F  
Autoignition Temperature: Not applicable.  
Flash Point: Not applicable.  
Explosion Limits, lower: Not available.  
Explosion Limits, upper: Not available.  
Decomposition Temperature: 550 deg F  
Solubility in water: 1% (20 C)  
Specific Gravity/Density: 1.485 (25 C)  
Molecular Formula: C6 H7 N O3 S  
Molecular Weight: 173.2

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## SECTION 10 - STABILITY AND REACTIVITY

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Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Not available.

Incompatibilities with Other Materials:

Strong oxidizing agents - strong acids.

Hazardous Decomposition Products:

Nitrogen oxides, carbon monoxide, carbon dioxide, nitrogen.

Hazardous Polymerization: Has not been reported.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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RTECS#:

CAS# 121-57-3: WP3895500

LD50/LC50:

CAS# 121-57-3: Draize test, rabbit, eye: 100 mg/24H Moderate; Draize test, rabbit, skin: 500 mg/24H Mild; Oral, rat: LD50 = 12300 mg/kg.

Carcinogenicity:

BENZENESULFONIC ACID, 4-AMINO- -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

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## SECTION 12 - ECOLOGICAL INFORMATION

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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Products which are considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations which may vary according to location. Contact a specialist disposal company or the local waste regulator for advice. Empty containers must be decontaminated before

returning for recycling.

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## SECTION 14 - TRANSPORT INFORMATION

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### IATA

Not regulated as a hazardous material.

### IMO

Not regulated as a hazardous material.

### RID/ADR

Not regulated as a hazardous material.

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## SECTION 15 - REGULATORY INFORMATION

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### European/International Regulations

#### European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

Safety Phrases:

S 25 Avoid contact with eyes.

S 28A After contact with skin, wash immediately with plenty of water.

#### WGK (Water Danger/Protection)

CAS# 121-57-3: 1

#### United Kingdom Occupational Exposure Limits

#### United Kingdom Maximum Exposure Limits

#### Canada

CAS# 121-57-3 is listed on Canada's DSL List.

CAS# 121-57-3 is not listed on Canada's Ingredient Disclosure List.

#### Exposure Limits

#### US FEDERAL

##### TSCA

CAS# 121-57-3 is listed on the TSCA inventory.

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## SECTION 16 - ADDITIONAL INFORMATION

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MSDS Creation Date: 2/18/1995 Revision #0 Date: Original.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.