



**COLUMBUS CHEMICAL INDUSTRIES INC.**

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**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements

**U.S. Department of Labor**

Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

**IDENTITY** (as Used on Label and List)

**Sulfanilamide**

**Note:** Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturers /Distributor Address Number Street City State and Zip Code

Cole-Parmer Instrument Company  
 625 East Bunker Court  
 Vernon Hills, Illinois 60061-1844

Emergency Telephone Number

CHEMTREC 1-800-424-9300

Telephone Number for Information

847-549-7600

Date Prepared

01-27-2006

Signature of Preparer (optional)

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sulfanilamide* **	63-74-1	Not Established	1mg/m <sup>3</sup>	Not Available	

\*Chemical Subject to the reporting requirements of SARA Title III Section 313

\*\* Synonyms: p-aminobenzenesulfamide, 4-aminophenylsulfonamide

**Section III - Physical/Chemical Characteristics**

Boiling Point	Not Available	Specific Gravity (H <sub>2</sub> O = 1)	Not Available
Vapor Pressure (mm Hg)	Not Applicable	Melting Point	Not Available
Vapor Density (AIR = 1)	Not Applicable	Evaporation Rate (Butyl Acetate = 1)	Not Applicable

Solubility in Water

Soluble, 7.5g / L

Appearance and Odor

White solid

**Section IV Fire and Explosion Hazard Data**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Not flammable.		N/A	N/A

Extinguishing Media

Noncombustible. Use any means suitable for extinguishing surrounding fire.

Special Fire Fighting Procedures

In the event of a fire, wear full protective clothing and NIOSH/MSHA-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards

Emits toxic fumes under fire conditions.

**Section V Reactivity Data**

Stability	Unstable		Conditions to Avoid	Incompatibles
	Stable	X		

**Incompatibility Materials to Avoid**

strong oxidizing agents.

**Hazardous Decomposition or Byproducts**

Carbon oxides, nitrogen oxides, sulfur oxides.

**Hazardous Polymerization****Conditions to Avoid**

	May Occur		Not Applicable
	Will Not Occur	X	

**Section VI Health Hazard Data****Routes of Entry****Inhalation ?****Skin ?****Ingestion ?**

	Yes		Yes
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**Health Hazards (Acute and Chronic)**

SKIN: Causes irritation and may be harmful if absorbed through the skin. EYE: Causes eye irritation.

INHALATION: Harmful if inhaled. Material is irritating to the mucous membranes and upper respiratory

tract. INGESTION: Harmful if swallowed.

**Carcinogenicity****NTP****IARC Monographs****OSHA REGULATED?**

	Not Listed	Not Listed	Not Listed
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**Signs and Symptoms of Exposure.**

Irritation, especially to mucous membranes of eyes and upper respiratory tract. Itching, redness, swelling of exposed

tissues.

**Medical Conditions Generally Aggravated by Exposure**

Unknown to CCI.

**Emergency and First Aid Procedures**

INGESTION: If swallowed, wash out mouth with water if person is conscious. EYES: In of contact, immediately flush with large amounts of water for at least 15 minutes. INHALATION: If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. SKIN: Immediately wash skin with soap and large amounts of water.

**Section VII Precautions for Safe Handling and Use****Steps to be Taken in Case Material is Released or Spilled**

Evacuate area. Wear NIOSH/MSHA-approved respirator, chemical-resistant goggles, rubber boots, apron and rubber gloves. Sweep up and place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

**Waste Disposal Method** Dispose of according all Federal, state, and local regulations.

**Precautions to be Taken in Handling and Storing**

Keep in tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Hygroscopic material; protect from moisture.

**Other Precautions** Containers, even when empty, will retain residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

**Section VII Control Measures****Respiratory Protection (Specify Type)**

NIOSH/MSHA-approved respirator with dust/mist cartridge if dusting is a problem.

Ventilation	Local Exhaust	Recommended.	Special	Eyewash nearby.
	Mechanical (General)	Recommended.	Other	Safety shower nearby.

**Protective Gloves** Chemical resistant gloves.

**Eye Protection** Chemical Safety goggles.

**Other Protective Clothing or Equipment** Rubber boots and clean body covering clothing.

**Work /Hygienic Practices** Contact lenses should not be worn when working with this material. Do not breathe dust. Avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

Wash thoroughly after handling. Avoid raising dust.

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