



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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(716) 226-6177

MSDS No. SS 1079
Effective Date May 17, 1999

SECTION V HEALTH HAZARD DATA

SS 1079

Threshold Limited Value None established for this product. Aniline: OSHA (PEL-Skin): TWA = 5 ppm, 19 mg/m³. ACGIH (TLV-Skin): TWA = 2 ppm, 10 mg/m³.

Effects of Overexposure
INHALATION: May cause respiratory tract irritation. **SKIN:** May cause irritation. Prolonged and repeated contact may cause dermatitis. **EYES:** May cause irritation with redness, pain and blurred vision. **INGESTION:** Of small amounts may cause cyanosis, headache, shallow respiration and dizziness.

Emergency and First Aid Procedures
INGESTION: If swallowed, if conscious, give one or two glasses of water to drink, induce vomiting and call a physician immediately. Never give anything by mouth to an unconscious person. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. If discomfort or illness develops, get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid) Strong oxidizing agents. Acids.

Hazardous Decomposition Products Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide, oxides of sulfur and/or oxides of nitrogen.

Hazardous Polymerization		Conditions to Avoid	Not applicable.
May Occur	Will Not Occur		
	X		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Recover for use if not contaminated. Wearing proper protective equipment, sweep up spills and place in a suitable container for proper disposal. Wash area with soap and water.

Waste Disposal Method Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.
Dispose of in an approved chemical incinerator equipped with an afterburner and scrubber.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves Rubber. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Lab coat, apron, eye wash station, proper gloves, ventilation hood.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry place away from oxidizing materials and acids. Wash thoroughly after handling.
Keep container tightly closed when not in use.

Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals.

Avoid prolonged contact with skin and eyes. Avoid inhalation of dust. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 5	Date 5/17/99	Approved Michael Raszeja	Chemical Safety Coordinator MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	SULFANILIC ACID	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * Health 1 Fire 1 Reactivity 0
Chemical Synonyms	p-Aminobenzenesulfonic Acid	
Formula	4-NH ₂ C ₆ H ₄ SO ₃ H	
Unit Size	up to 500 grams	
C.A.S. No.	121-57-3	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sulfanilic Acid	98.5%	None established.
Aniline: (CAS No. 62-53-3) (Expressed as Aniline, but probably present as Aniline Sulfate)	0.6% max.	See Section V.

WARNING! HARMFUL IF INHALED OR SWALLOWED. CAUSES IRRITATION TO SKIN, EYES AND MUCOUS MEMBRANES.

SECTION III PHYSICAL DATA

Melting Point (°F)	280-300°C (536-572°F) decomposes.	Specific Gravity (H₂O = 1)	1.5
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	100%
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Slight.		
Appearance & Odor	Light gray powder or crystals; slight odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
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Extinguisher Media Water spray; carbon dioxide (CO₂); dry chemical (ABC).

SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Do **NOT** use high pressure water stream. Airborne dust creates an explosion hazard.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Dust may be explosive if mixed with air in critical proportions and in the presence of a source of ignition.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20