



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.  
Avon, New York 14414  
(716) 226-6177

MSDS No. AA 356  
Effective Date January 25, 1999

## SECTION V HEALTH HAZARD DATA

AA 356

**Threshold Limited Value** None established by ACGIH 1992-93.  
RTECS No. XH8400000 Toxicity data: ipr-mus LD50: 3480 mg/kg.

**Effects of Overexposure**  
May cause irritation to the skin, eyes and respiratory system. May cause severe allergic reactions in sensitive individuals. Ingestion of this material has resulted in allergic reactions.

**Emergency and First Aid Procedures**  
**SKIN:** Flush thoroughly with water, then wash with soap and water. If irritation persists, get medical attention. **EYES:** Flush thoroughly with water for 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen by trained personnel. Get medical attention. **INGESTION:** If conscious, drink large quantities of water or milk. Get prompt medical attention. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Excessive temperature and heat.
	<b>Stable</b>	X		

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

**Hazardous Decomposition Products** This product decomposes to carbon monoxide, nitrogen oxides and sulfur oxides.

<b>Hazardous Polymerization</b>	<b>Conditions to Avoid</b>		Not applicable.
	<b>May Occur</b>	<b>Will Not Occur</b>	
		X	

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled**  
Avoid creating dust, sweep up and place in a suitable waste container for disposal. Wash spill 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 accordance with federal, state and local regulations.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHA-approved respirator.

<b>Ventilation</b>	<b>Local Exhaust</b>	Recommended.	<b>Special</b>	No.
	<b>Mechanical (General)</b>	Recommended.	<b>Other</b>	No.

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

**Other Protective Equipment** Goggles, smock, apron, ventilation hood, proper gloves, eye wash station.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing**  
Keep container tightly closed when not in use.  
Store in a tightly closed container, in a cool, dry area. Wash thoroughly after handling.

**Other Precautions** Read label on container before using. Do not wear contact lenses when working with chemicals.  
Avoid contact with eyes or skin. Do not breathe dust. Remove and wash contaminated clothing.

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

<b>Revision</b> No. 2	<b>Date</b> 1/25/99	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
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## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	AMPICILLIN SODIUM SALT	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177 <b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 <b>HMIS *</b> Health 1 Fire 0 Reactivity 0
<b>Chemical Synonyms</b>	D(-)-alpha-Aminobenzylpenicillin sodium salt	
<b>Formula</b>	C <sub>16</sub> H <sub>18</sub> N <sub>3</sub> NaO <sub>4</sub> S	
<b>Unit Size</b>	up to 100 grams.	
<b>C.A.S. No.</b>	69-52-3	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Ampicillin, sodium salt	98%	None established.

**WARNING! IRRITANT. MAY CAUSE IRRITATION OR ALLERGIC REACTION.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	Decomposes @ ~ 205°C (401F)	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate ( =1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Sparingly soluble in water.		
Appearance & Odor	White crystalline powder.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	N/A	<b>Flammable Limits in Air % by Volume</b>	N/A	<b>Lower</b>	<b>Upper</b>
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**Extinguisher Media** Carbon dioxide; dry chemical; foam.

## SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

## UNUSUAL FIRE AND EXPLOSION HAZARDS

In fire conditions, this product may emit fumes of carbon monoxide, nitrogen oxides and sulfur oxides; incompatible with strong oxidizing materials.

D.O.T. Non regulated.

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