



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. AA 18  
Effective Date January 11, 1999

## SECTION V HEALTH HAZARD DATA

AA 18

### Threshold Limited Value

None listed (ACGIH 1992-93). LD<sub>50</sub> rats oral 800 mg/Kg.

### Effects of Overexposure

**EYES:** Irritant. **SKIN:** May cause eczematous dermatitis or irritation to persons sensitive to this material. **SKIN ABSORPTION:** Negligible. **INHALATION:** Avoid. Fumes may irritate respiratory system. Acute inhalation threat is slight, but chronic hazard is moderate. Can cause methemoglobinemia, cyanosis. Irritation and discomfort in the respiratory system. May cause edema of the lungs. **INGESTION:** May cause nausea, vomiting, sweating, gastric irritation, chills, hypotension, convulsions and shock.

### Emergency and First Aid Procedures

**INHALATION:** Remove to fresh air. If discomfort or illness develop, get medical attention. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation develops or persists, get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. If irritation develops, get medical attention. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink and induce vomiting. Call physician. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature and heat. Handling as a molten material in open containers.
	Stable	X		

Incompatibility (Materials to Avoid)	Oxidizers and alkalis.
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Hazardous Decomposition Products	Dangerous; when heated to decomposition, it may emit highly toxic fumes of NO <sub>x</sub> and carbon oxides.
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Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur	Not applicable.
	X	

## SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Wearing proper safety equipment and having good ventilation, collect spill and put into a suitable container for proper disposal. Scrub area with a soap and water solution.
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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.
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Dispose of in accordance with federal, state and local regulations.

## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	Work in ventilation hood. If necessary wear a NIOSH/MSHA-approved dust mask.			
Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.
Protective Gloves	Rubber.		Eye Protection	Chemical safety glasses.
Other Protective Equipment	Safety glasses, smock, apron, ventilation hood, proper gloves, eye wash station.			

## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Avoid contact with skin. Store in a cool, dry place, away from oxidizing and alkaline materials. Wash thoroughly after handling.
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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.
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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 1/11/99	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	ACETANILIDE
Chemical Synonyms	Ethanamide, N-Phenylacetamide
Formula	CH <sub>3</sub> CONHC <sub>6</sub> H <sub>5</sub>
Unit Size	up to 2.5 Kg.
C.A.S. No.	103-84-4

1  
3

3

800-424-9300

Day 716-226-6177

Health

1

Fire

1

Reactivity

0

NFPA HAZARD RATING

LEAST SLIGHT MODERATE

0 1 2

HMIS \* HIGH EXTREME

3 4

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Acetanilide	100%	None established.

WARNING! MAY BE HARMFUL IF INHALED

OR SWALLOWED. SKIN IRRITANT.

## SECTION III PHYSICAL DATA

Melting Point (°F)	113-115°C (237-239°F)	Specific Gravity (H <sub>2</sub> O = 1)	1.2
Boiling Point (°F)	304°C (579.2°F)	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	1 mm @ 114°C	Evaporation Rate (≈1)	N/A
Vapor Density (Air=1)	4.65		
Solubility in Water	Slightly.		
Appearance & Odor	Gray to white crystal, powder or flake; slight acetic acid odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	173°C (345°F) (oc)	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Carbon dioxide; dry chemical; foam; water spray.				

### SPECIAL FIREFIGHTING PROCEDURES

Fumes from hot liquid can cause respiratory discomfort and/or damage. Wear a NIOSH/MSHA-approved, self-contained breathing apparatus and full protective clothing.

Autoignition Temperature: 985 ± 10°F (530°C).

### UNUSUAL FIRE AND EXPLOSION HAZARDS

May be a moderate fire hazard when exposed to heat or flame; may react vigorously with strong oxidizing materials.

D.O.T. NON-REGULATED.

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