



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. NN 20  
Effective Date November 11, 1998

## SECTION V HEALTH HAZARD DATA

NN 20

**Threshold Limited Value** None established by ACGIH 1992-93. RTECS No. QJ875000 Toxicity data: LD50 orl-rat 1000 mg/kg. ipr-rat LD50 100 mg/kg.

**Effects of Overexposure** May be irritating to eyes, skin, mucous membranes, and causes Central Nervous System depression. Exercise appropriate procedures to minimize potential hazards.

**Emergency and First Aid Procedures**  
**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms persist. **EYES:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get immediate medical attention. **SKIN:** Immediately flush with plenty of water. If irritation persists, get medical attention. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink, induce vomiting and call physician. 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 materials.

**Hazardous Decomposition Products** Combustion will produce carbon dioxide and probably carbon monoxide.

<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** Recover for use if not contaminated. Wearing suitable protective clothing, sweep up material and place in fiber carton for disposal, and incinerate. Wash spill area well 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 incinerator or contract with a licensed waste disposal agency.

## SECTION VIII SPECIAL PROTECTION INFORMATION

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

<b>Ventilation</b>	<b>Local Exhaust</b>	Yes.	<b>Special</b>	No.
	<b>Mechanical (General)</b>	If dusty.	<b>Other</b>	No.

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

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

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Keep container tightly closed when not in use. Store in a cool, dry place away from oxidizing materials. 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.

Do not get in eyes, on skin, on clothing. Avoid breathing 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. 5	<b>Date</b> 11/11/98	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
-----------------------	----------------------	---------------------------------	---------------------------------------

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

<b>Product</b>	1-NAPHTHALENE ACETIC ACID	 <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 1 Reactivity 1
<b>Chemical Synonyms</b>	alpha-Naphthaleneacetic Acid	
<b>Formula</b>	C <sub>10</sub> H <sub>7</sub> CH <sub>2</sub> COOH	
<b>Unit Size</b>	up to 100 grams	
<b>C.A.S. No.</b>	86-87-3	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
1-Naphthaleneacetic Acid	98% min.	None established.

**WARNING! HARMFUL IF SWALLOWED. CAUSES**

**IRRITATION TO SKIN, EYES AND MUCOUS MEMBRANES.**

## SECTION III PHYSICAL DATA

<b>Melting Point (°F)</b>	127°-132°C (260°-269°F)	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	Data not listed.
<b>Boiling Point (°F)</b>	Greater than 218°C (424°F)	<b>Percent Volatile by Volume (%)</b>	N/A
<b>Vapor Pressure (mm Hg)</b>	Negligible as solid.	<b>Evaporation Rate ( =1)</b>	N/A
<b>Vapor Density (Air=1)</b>	Data not listed.		
<b>Solubility in Water</b>	0.38 grams per liter at 17°C.		
<b>Appearance &amp; Odor</b>	White to cream, crystalline powder; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Greater than 174°C (345°F)	<b>Flammable Limits in Air % by Volume</b>	N/A	<b>Lower</b>	<b>Upper</b>
----------------------------------	----------------------------	--	-----	--------------	--------------

**Extinguisher Media** Water spray; carbon dioxide (CO<sub>2</sub>); dry chemical.

### SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; can react with oxidizing materials.

D.O.T. NON-REGULATED.

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