



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. AA 355
Effective Date January 25, 1999

SECTION V HEALTH HAZARD DATA

AA 355

Threshold Limited Value TWA: 100 ppm; 532 mg/m³(air). (ACGIH 1992-93).
Toxicity data: Orl-rat LD50: 6500 mg/kg.

Effects of Overexposure Dizziness, nausea, headache, narcosis. Contact with skin may be irritating. Vapors and mists will irritate eyes, mucous membranes and respiratory tract. Ingestion may cause nausea, vomiting and diarrhea.

Emergency and First Aid Procedures
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 not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
INGESTION: If swallowed, if conscious, give two glasses of water to drink. Induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature, heat, sparks, flame.
	Stable	X		

Incompatibility (Materials to Avoid) Avoid strong alkalis, acids or strong oxidizers. Reducing agents.

Hazardous Decomposition Products Thermal decomposition or burning may produce carbon monoxide, carbon dioxide.

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 Wearing proper protective equipment and clothing, ventilate area. Remove all sources of flame or sparks. Avoid flushing directly into stream or sewer. Cover with dry lime or ash. Contained spills should be recovered to the extent possible for proper waste disposal.

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.

If custom disposal service not available, large quantities may be burned in a combustion chamber by a competent engineer. Small quantities may be poured upon sand or dirt contained by a shallow pan and cautiously burned, local codes permitting.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) Where high concentrations of vapors exists, all-purpose canister recommended. Work in ventilation hood. Wear a NIOSH/MSHA-approved respirator.

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

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

Other Protective Equipment Goggles, lab coat or apron, vented hood, proper gloves, fire extinguisher, eye wash station.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool dry, well-ventilated place. Keep away from heat, sparks and flames. 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 contact with eyes, skin and clothing. Avoid breathing vapor. Use with adequate ventilation. Remove and wash contaminated clothing and shoes.

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

Revision No. 8	Date 1/25/99	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	AMYL ACETATE	 <p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>2</td> </tr> <tr> <td>Fire</td> <td>3</td> </tr> <tr> <td>Reactivity</td> <td>1</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	2	Fire	3	Reactivity	1
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	2																	
Fire	3																	
Reactivity	1																	
Chemical Synonyms	Pear Oil, Amylacetate Ester, Pentyl acetate																	
Formula	CH ₃ COOC ₅ H ₁₁																	
Unit Size	up to 4 Lt.																	
C.A.S. No.	628-63-7																	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Amyl Acetate	99%	TLV-TWA: 100 ppm

WARNING! FLAMMABLE! HARMFUL IF INHALED. IRRITANT.

SECTION III PHYSICAL DATA

Melting Point (°F)	-100°C (-148°F)	Specific Gravity (H₂O = 1)	0.876 @ 20°/20°C
Boiling Point (°F)	142 - 152°C (288 - 306°F)	Percent Volatile by Volume (%)	100%
Vapor Pressure (mm Hg)	4 mm @ 20°C	Evaporation Rate (Butyl Acetate =1)	0.49
Vapor Density (Air=1)	4.49		
Solubility in Water	0.2% by weight at 20°C.		
Appearance & Odor	Water white liquid; pear or banana-like odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	23°C (75°F) TCC.	Flammable Limits in Air % by Volume	Lower	Upper
			1.1	7.5

Extinguisher Media Carbon dioxide (CO₂); Dry chemical (ABC) for small fires; Alcohol foam for large fires.

SPECIAL FIREFIGHTING PROCEDURES

Water in straight hose stream will scatter and spread fire and should not be used. In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

(1996 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.7, GUIDE PAGE NO. 129)

UNUSUAL FIRE AND EXPLOSION HAZARDS

Dangerous, when exposed to heat or flame; when heated, it emits acrid fumes; can react with oxidizing materials. Moderate explosion hazard when exposed to flame. Vapor may travel considerable distance to source of ignition and flash back.

Autoignition temperature (680°F) 359°C.

D.O.T. AMYL ACETATES, 3, UN 1104, PG III

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