



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
Avon, New York 14414
(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

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

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| Incompatibility (Materials to Avoid) | Avoid strong alkalis, acids or strong oxidizers. Reducing agents. |
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| Hazardous Decomposition Products | Thermal decomposition or burning may produce carbon monoxide, carbon dioxide. |
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| Hazardous Polymerization | | Conditions to Avoid |
| May Occur | Will Not Occur | Not applicable. |
| | X | |

SECTION VII SPILL OR LEAK PROCEDURES

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| 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. |
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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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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

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| Respiration Protection (Specify Type) | Where high concentrations of vapors exists, all-purpose canister recommended. Work in ventilation hood. Wear a NIOSH/MSHA-approved respirator. |
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| Ventilation | Local Exhaust | Recommended. | Special | No. |
| | Mechanical (General) | Recommended. | Other | No. |

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| Protective Gloves | Rubber. | Eye Protection | Chemical safety glasses. |
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| Other Protective Equipment | Goggles, lab coat or apron, vented hood, proper gloves, fire extinguisher, eye wash station. |
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SECTION IX SPECIAL PRECAUTIONS

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

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| 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

| | | |
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| Product | AMYL ACETATE | <div><div><div>3</div><div>1</div><div>0</div></div><div>CHEMTREC 800-424-9300 Day 716-226-6177</div><div>NFPA HAZARD RATING LEAST SLIGHT MODERATE 0 1 2</div><div>HMIS * HIGH EXTREME 3 4</div></div> |
| 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 |
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WARNING! FLAMMABLE! HARMFUL IF INHALED. IRRITANT.

SECTION III PHYSICAL DATA

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| Melting Point (°F) | -100°C (-148°F) | Specific Gravity (H ₂ O = 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

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

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| Extinguisher Media | Carbon dioxide (CO ₂); Dry chemical (ABC) for small fires; Alcohol foam for large fires. |
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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