



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. PP 5
Effective Date April 8, 1999

SECTION V HEALTH HAZARD DATA

PP 5

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| Threshold Limited Value | None established. (ACGIH 1992-93). Total particulate as oil mist 10 mg/m ³ |
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| Effects of Overexposure | Excessive inhalation of oil mist may affect respiratory system. Sensitive individuals may experience dermatitis after long exposure of oil on skin. May cause eye irritation. |
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| Emergency and First Aid Procedures | EYES: Flush with plenty of water, lifting lower and upper eyelids occasionally. If irritation occurs, get medical attention. SKIN: If burned by hot oil, get medical attention. |
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SECTION VI REACTIVITY DATA

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| Stability | Unstable Stable | Conditions to Avoid | Excessive temperature and heat. Strong oxidizing materials. |
| Incompatibility (Materials to Avoid) | Strong oxidizers, bases, acids. | | |
| Hazardous Decomposition Products | Combustion will produce smoke, carbon dioxide and probably carbon monoxide. | | |
| Hazardous Polymerization | May Occur Will Not Occur | Conditions to Avoid | Not applicable. |

SECTION VII SPILL OR LEAK PROCEDURES

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| Steps to be taken in case material is released or spilled | Absorb material with an inert dry material and place in impervious container for incineration. Wash spill area with soap and water. |
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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. Dispose of in an approved incinerator or contract with a licensed chemical waste disposal service. |
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SECTION VIII SPECIAL PROTECTION INFORMATION

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| Respiration Protection (Specify Type) | None should be needed. If misty conditions prevail, wear a NIOSH/MSHA approved respirator. | | | |
| Ventilation | Local Exhaust | None needed. | Special | No. |
| | Mechanical (General) | None needed. | Other | No. |
| Protective Gloves | Rubber. | | Eye Protection | Chemical safety glasses. |
| Other Protective Equipment | Smock, apron, eye wash station, fire extinguisher. | | | |

SECTION IX SPECIAL PRECAUTIONS

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| Precautions to be Taken in Handling & Storing | Store in a cool, dry place away from heat, flame or oxidizing materials. 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. Remove and wash contaminated clothing. |
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For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

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| Revision | No. 3 | Date | 4/8/99 | Approved | Michael Raszeja | Chemical Safety Coordinator | 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

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| Product | PALM OIL | <div><div>1 0 0</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 | Palm butter | |
| Formula | Natural Product | |
| Unit Size | up to 5 gal. | |
| C.A.S. No. | 8002-75-3 | |

SECTION II INGREDIENTS OF MIXTURES

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| Principal Component(s) | % | TLV Units |
| Palm Oil | 100% | None established. |
| Not a hazardous material at room temperature. Store away from fire hazards and strong oxidizing materials. | | |

SECTION III PHYSICAL DATA

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| Melting Point (°F) | 27-42.5°C (78-86°F) | Specific Gravity (H ₂ O = 1) | 0.91-0.92 |
| Boiling Point (°F) | None listed. | Percent Volatile by Volume (%) | N/A |
| Vapor Pressure (mm Hg) | None listed. | Evaporation Rate (n-Butyl Acetate = 1) | N/A |
| Vapor Density (Air=1) | None listed. | | |
| Solubility in Water | Insoluble. | | |
| Appearance & Odor | White to pale yellow semi-solid fat; no odor. | | |

SECTION IV FIRE AND EXPLOSION HAZARD DATA

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| Flash Point (Method Used) | 162°C (323°F) CC | Flammable Limits in Air % by Volume | N/A | Lower | Upper |
| Extinguisher Media | Dry chemical (ABC); carbon dioxide (CO ₂); water spray or fog; foam. | | | | |

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| SPECIAL FIREFIGHTING PROCEDURES | Water or foam may cause frothing. Water spray may be used to flush spills away from exposures. In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing. |
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| UNUSUAL FIRE AND EXPLOSION HAZARDS | Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials. |
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| D.O.T. | NON-REGULATED. |
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Approved by U.S. Department of Labor "essentially similar" to form OSHA-20