



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. BB 252
Effective Date January 30, 1999

SECTION V HEALTH HAZARD DATA

BB 252

Threshold Limited Value None established (ACGIH 1992-93).

Effects of Overexposure

EYES: May cause mild irritation. **SKIN:** Prolonged or repeated contact may cause mild irritation. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

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 with water, then wash with mild soap and water. **INGESTION:** If conscious, give water to drink and call physician. Never give anything by mouth to an unconscious person. **INHALATION AS MIST:** Remove to fresh air.

SECTION VI REACTIVITY DATA

| | | | | |
|-----------|----------|---|---------------------|--|
| Stability | Unstable | | Conditions to Avoid | This product is not reactive with water. |
| | Stable | X | | |

Incompatibility (Materials to Avoid) None known.

Hazardous Decomposition Products Unknown.

| | | | |
|--------------------------|---------------------|----------------|-----------------|
| 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 Ventilate area. Absorb spill in vermiculite, sand, earth, paper towel, then place into a suitable container for proper disposal. Wash spill area 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 chemical landfill or contract with a licensed waste disposal service.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None needed in normal laboratory handling. If misty conditions prevail, work in ventilation hood or 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 Lab coat, apron, eye wash station, proper gloves, ventilation hood.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry place. 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.

Remove and wash contaminated clothing.

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

| | | | |
|----------------|--------------|--------------------------|--------------------------------|
| Revision No. 2 | Date 1/30/99 | 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

| | | | | |
|--------------------------|--|---|------------|---|
| Product | BUTYL STEARATE | CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * | Health | 1 |
| Chemical Synonyms | Octadecanoic Acid, Butyl Ester | | Fire | 1 |
| Formula | C ₂₂ H ₄₄ O ₂ | | Reactivity | 0 |
| Unit Size | up to 4 Lt. | | | |
| C.A.S. No. | 123-95-5 | | | |

SECTION II INGREDIENTS OF MIXTURES

| Principal Component(s) | % | TLV Units |
|------------------------|------|-------------------|
| Butyl Stearate | 100% | None established. |

CAUTION! MAY CAUSE IRRITATION.

SECTION III PHYSICAL DATA

| | | | |
|------------------------|-------------------------------|---|------------------|
| Melting Point (°F) | Freezes @ 20°C (68°F) | Specific Gravity (H ₂ O = 1) | 0.86 @ 20°C/20°C |
| Boiling Point (°F) | 218°-224°C (424°-435°F) | Percent Volatile by Volume (%) | 0 |
| Vapor Pressure (mm Hg) | < 0.001 @ 20°C (68°F) | Evaporation Rate (n-Butyl Acetate = 1) | Approx. 0 |
| Vapor Density (Air=1) | Not applicable. | | |
| Solubility in Water | < 0.1% | | |
| Appearance & Odor | Colorless liquid; bland odor. | | |

SECTION IV FIRE AND EXPLOSION HAZARD DATA

| | | | | |
|----------------------------------|-------------------|--|---------|-------|
| Flash Point (Method Used) | 380°F (193°C) COC | Flammable Limits in Air % by Volume | Lower | Upper |
| | | | Unknown | |

Extinguisher Media Water fog, foam, carbon dioxide or dry chemical.

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None known.

D.O.T. NON-REGULATED.

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