



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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MSDS No. WW 80-3
Effective Date June 2, 1999

SECTION V HEALTH HAZARD DATA

WW 80-3

Threshold Limited Value

None established for this product. (ACGIH 1992-93).

Effects of Overexposure

Prolonged or repeated contact may cause irritation. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. 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. Get immediate medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **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. **INHALATION AS MIST:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

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|-----------|----------|---|---------------------|---|
| Stability | Unstable | | Conditions to Avoid | Protect from light, excessive temperature and heat. |
| | Stable | X | | |

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| Incompatibility (Materials to Avoid) | Strong oxidizing agents. |
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| Hazardous Decomposition Products | Combustion will produce carbon dioxide and carbon monoxide. |
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|--------------------------|---------------------|-----------------|
| Hazardous Polymerization | Conditions to Avoid | Not applicable. |
| May Occur | Will Not Occur | |
| | X | |

SECTION VII SPILL OR LEAK PROCEDURES

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| Steps to be taken in case material is released or spilled | Absorb spill in an inert dry material. Scoop up and place in a suitable container for disposal. 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 equipped with an afterburner and scrubber or contract with a licensed waste disposal service.

SECTION VIII SPECIAL PROTECTION INFORMATION

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|---------------------------------------|--|--|--|
| 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. | | |
|---------------------------------------|--|--|--|

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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 | Lab coat, apron, eye wash station, proper gloves. |
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SECTION IX SPECIAL PRECAUTIONS

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| Precautions to be Taken in Handling & Storing | Store in a cool, dry area. Keep container tightly closed when not in use. 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.

Avoid contact with skin, eyes and mucous membranes. Remove and wash contaminated clothing.

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

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|----------------|-------------|--------------------------|-----------------------------|----|
| Revision No. 4 | Date 6/2/99 | 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 | DNA STAIN | CHEMTREC 800-424-9300 Day 716-226-6177 | Health | 2 |
| Chemical Synonyms | Deoxyribonucleic Acid Stain | | Fire | 0 |
| Formula | Mixture | | Reactivity | 0 |
| Unit Size | up to 3.785 Lt. | | NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 | |
| C.A.S. No. | Mixture. | HMIS * 0 1 2 3 4 | | |

SECTION II INGREDIENTS OF MIXTURES

| Principal Component(s) | % | TLV Units |
|--|------|-------------------|
| Proprietary Information: Less than 1.0% Identity Provided Per 29CFR 19.10.1200 | | |
| Water: (CAS No. 7732-18-5) | >90% | None established. |

CAUTION! CONTACT MAY CAUSE IRRITATION

TO SKIN, EYES AND MUCOUS MEMBRANES.

SECTION III PHYSICAL DATA

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|------------------------|---------------------|---|-----------------|
| Melting Point (°F) | Approx. 0°C (32°F) | Specific Gravity (H ₂ O = 1) | 1.00 |
| Boiling Point (°F) | 100°C (212°F) | Percent Volatile by Volume (%) | Not applicable. |
| Vapor Pressure (mm Hg) | 14 (water) | Evaporation Rate (Ether = 1) | >1 |
| Vapor Density (Air=1) | 0.7 (water) | | |
| Solubility in Water | Complete. | | |
| Appearance & Odor | Dark aqua; no odor. | | |

SECTION IV FIRE AND EXPLOSION HAZARD DATA

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|---------------------------|----------------|-------------------------------------|-----|-------|-------|
| Flash Point (Method Used) | Non-flammable. | Flammable Limits in Air % by Volume | N/A | Lower | Upper |
|---------------------------|----------------|-------------------------------------|-----|-------|-------|

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| Extinguisher Media | Use any media suitable for extinguishing supporting fire. |
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SPECIAL FIREFIGHTING PROCEDURES

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

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; such as bromine, chlorides, oxides of nitrogen.

D.O.T. NON-REGULATED.

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