



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. JJ 12
Effective Date February 24, 1999

SECTION V HEALTH HAZARD DATA

JJ 12

Threshold Limited Value

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

Effects of Overexposure

May be harmful by inhalation, ingestion, or skin absorption. May cause eye and skin 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, wash out mouth with water. Call physician or Poison Control Center. Never give anything by mouth to an unconscious person. **INHALATION:** 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 | Excessive temperature and heat to cause evaporation. |
| | Stable | X | | |

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| Incompatibility (Materials to Avoid) | Strong oxidizing agents. |
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| Hazardous Decomposition Products | Toxic fumes of carbon dioxide and/or carbon monoxide, nitrogen oxide and hydrogen chloride gas. |
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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 | Flush to sewer with copious amounts of water. Sweep up material and place in a suitable container for disposal. Wash spill area well 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. Flush to sewer with copious amounts of water. |
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SECTION VIII SPECIAL PROTECTION INFORMATION

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|---------------------------------------|----------------------|---|---------|----------------|--------------------------|
| Respiration Protection (Specify Type) | | None needed in normal laboratory handling. If misty conditions prevail, wear a NIOSH/MSHA-approved dust mask or respirator. | | | |
| Ventilation | Local Exhaust | If misty. | Special | No. | |
| | Mechanical (General) | If misty. | Other | No. | |
| Protective Gloves | | Rubber. | | Eye Protection | Chemical safety goggles. |
| Other Protective Equipment | | Smock, apron, safety shower and eye wash station, proper gloves, ventilation hood. | | | |

SECTION IX SPECIAL PRECAUTIONS

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| Precautions to be Taken in Handling & Storing | Keep container tightly closed when not in use. Store in a cool, dry place away from 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. Avoid contact with skin, eyes and clothing. 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. 4 | Date 2/24/99 | 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 | JANUS GREEN B, 1% IN AQUEOUS SOLUTION | CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * 0 1 2 3 4 |
| Chemical Synonyms | N/A | |
| Formula | Mixture. | |
| Unit Size | up to 3.785 Lt. | |
| C.A.S. No. | Mixture. | |

SECTION II INGREDIENTS OF MIXTURES

| Principal Component(s) | % | TLV Units |
|---|-----|-------------------|
| Janus Green B: CAS No. 2869-83-2 | 1% | None established. |
| Water: CAS No. 7732-18-5 | 99% | None established. |
| CAUTION! MAY BE HARMFUL IF SWALLOWED OR | | |

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| ABSORBED THROUGH SKIN. MAY CAUSE IRRITATION. | | |
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SECTION III PHYSICAL DATA

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| Melting Point (°F) | Freezes approx. 0°C (32°F) | Specific Gravity (H ₂ O = 1) | Approx. 1.0 |
| Boiling Point (°F) | 100°C (212°F) | Percent Volatile by Volume (%) | 99% |
| Vapor Pressure (mm Hg) | 14 (water) | Evaporation Rate (water = 1) | Slightly < 1 |
| Vapor Density (Air=1) | 0.7 (water) | | |
| Solubility in Water | Complete. | | |
| Appearance & Odor | Green liquid; no odor. | | |

SECTION IV FIRE AND EXPLOSION HAZARD DATA

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|---------------------------|---|-------------------------------------|-------|-------|
| Flash Point (Method Used) | N/A | Flammable Limits in Air % by Volume | Lower | Upper |
| Extinguisher Media | Water spray, dry chemical, carbon dioxide, or foam. | | | |

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS

In fire conditions, water may evaporate from this solution, which may cause hazardous decomposition products to be produced as dust or fume.

D.O.T. NON-REGULATED.

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