



MATERIAL SAFETY DATA SHEET
Bio Lube™ Advanced Dental Handpiece Cleaner (aerosol)

4003 Enterprise Court
Augusta, Georgia 30907 USA

Telephone (706) 868-0105
Fax (706) 650-7468

SECTION I – PRODUCT IDENTIFICATION

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|--------------------------|---|---|
| 1. Manufacturer | : | Southland Distribution & Sales |
| 2. Name | : | Bio Lube™ Advanced Dental Handpiece Cleaner |
| 3. Product use | : | For use with any dental handpiece for rapid degreasing of contaminated parts |
| 4. Toxicity | : | Not a controlled product |
| 5. Formula | : | A proprietary high performance, non-flammable aerosol cleaner. Aerosol propellant is CO ₂ , a non-flammable gas. |
| 6. Transportation | : | DOT Hazard Class—Not Regulated |
| 7. 24-Hour Emergency | : | Chemtrec (800) 424-9300 |
| 8. Technical Information | : | Southland Distribution & Sales (800) 880-0240 |
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SECTION II – PHYSICAL DATA

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| 1. Physical State | : | Liquid |
| 2. Appearance | : | Colorless liquid. Ethereal with faint sweet odor. |
| 3. Specific Gravity | : | 1.18 @ 21.1° C (70° F) |
| 4. Vapor Pressure | : | 70 PSI @ 21.1° C (70° F) |
| 5. Evaporation Rate | : | > 1 (compared to Butyl Acetate which equals 1) |
| 6. Boiling Point | : | 32° C (89.6° F) |
| 7. Molecular Weight | : | 116.8 |
| 8. Flash Point | : | None detected (ASTM D-1310-67 and D-56-82) |
| 9. Sol. In Water | : | < 15% @ 25° C (77° F) |
| 10. pH | : | Neutral |
| 11. Melting Point | : | -103° C (-154° F) |
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SECTION III – STABILITY & REACTIVITY DATA

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| 1. Chemical Stability | : | Stable |
| 2. Conditions to avoid | : | Extreme heat |
| 3. Incompatibilities | : | Strong oxidizers and alkaline materials |
| 4. Hazardous Decomposition Products | : | Burns to form CO, CO ₂ , HC1, chlorine and phosgene |
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SECTION IV – HANDLING, STORAGE & FIRE-FIGHTING MEASURES

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| 1. Handling | : | No special precautions are necessary beyond normal good hygiene practices. |
| 2. Storage | : | Store in a cool area. Do not expose to excessive heat. |
| 3. OSHA Flammability | : | Not applicable. |
| 4. Extinguishing Agents | : | Use any standard agent. Choose most appropriate for surrounding fire. |
| 5. NFPA Hazard ID | : | Health 0, Flammability 0, and Reactivity 0 |
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SECTION V – TOXICOLOGICAL PROPERTIES

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| 1. Acute Inhalation | : | 4 HR LC ₅₀ , 62,000 ppm |
| 2. Cardiac Senaitization Threshold: | : | 10,000 ppm |
| 3. Route of Entry | : | Skin, eye, inhalation and ingestion. |
| 4. Carcinogenicity | : | MTP no; IARC no; OSHA regulated no. |
| 5. Health Hazard Data | : | Ingestion may cause abdominal cramps. Excessive skin contact may cause mild irritation and drying or flaking of skin. There are no known medical conditions which are aggravated by exposure. Advice to physician: Remove from exposure source. Due to possible disturbances of cardiac rhythm, catecholamine drugs should not be used except in situations of emergency life support. Flush contaminated eyes and skin with water. Do not induce vomiting. |
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SECTION VI – EXPOSURE CONTROLS/PERSONAL PROTECTION

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| 1. Ventilation | : | No special requirements under ordinary use conditions and with adequate ventilation |
| 2. Skin Protection | : | No special requirements under ordinary use conditions and with adequate ventilation |
| 3. Eye protection | : | No special requirements under ordinary use conditions and with adequate ventilation |
| 4. Respiratory protection | : | No special requirements under ordinary use conditions and with adequate ventilation |
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SECTION VII - TRANSPORTATION INFORMATION

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|------------|---|--|
| 1. USA DOT | : | Not regulated. Ship as non-flammable aerosol, ORM-D. |
| 2. RID/ADR | : | Not regulated. |
| 3. IMO | : | Not regulated. |
| 4. IATA | : | Not regulated. Ship as non-flammable aerosol, ORM-D. |

SECTION VIII - REGULATORY INFORMATION

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| 1. OSHA Hazard Communication Act: | : | Product assessed in accordance with OSHA 29 CFR § 1910.1200 and determined not to be hazardous. |
| 2. EU labeling | : | EU labeling not required. |
| 3. Governmental inventory status: | : | All components comply with TSCA, EINECS/ELINCS, AICS, METI & DSL. |
| 4. SARA, Title III | : | This product contains no "EXTREMELY HAZARDOUS SUBSTANCES". |
| 5. SARA, 311/312/313 | : | No reportable hazard categories; contains no chemicals subject to the supplier notification requirements of the SARA toxic release program. |

SECTION IX - LEAKS OR SPILLS

Lock off leak and/or source of spill. Unprotected personnel should move upwind of spill. Ventilate exposure area and allow evaporation vapors to dissipate.

SECTION X - OTHER INFORMATION

Information given herein is offered in good faith as accurate, but without guarantee, either express or implied. Conditions and suitability of BioLube™ Advanced Dental Handpiece Cleaner for uses other than those stated are beyond our control. We assume no responsibility for any loss, damage or expense, direct or consequential, arising out of this product's use and/or misuse.