



| 1. IDENTIFICATION | | | | | | | | | |
|--|---------------|--|------------------|--|---|---|--|---|---------------------------------|
| Product Name | | BioTEXT | | | Manufacturer | | Micrylium Laboratories Inc. | | |
| Registration | | CAN DIN | Liquid: 02442329 | Wipes: 02209640 | Address | | 5000M Dufferin Street, Toronto, Canada, M3H 5T5 www.micrylium.com | | |
| | | CH BAG | | CHZB0163 | | | | | |
| | | DE BAUA | | N-24686 | | | | | |
| Indication | | Clinical surface disinfectant | | | Phone | | 416-667-7040 | | |
| Emergency Phone # | | CHEMTREC | | | Fax | | 416-667-0071 | | |
| | | 1-800-424-9300 | | | CANUTEC | | 1-613-996-6666 | | |
| 2. HAZARD IDENTIFICATION | | | | | | | | | |
| Symbol Pictogram | | | | Not Applicable | | Signal Word | | Not Applicable | |
| | | | | | | Symbol | | Not Applicable | |
| Classification | | Not Applicable | | | | | | | |
| Health Hazard | | | | No Serious Health Hazards | | Environmental Hazards | | Biodegradeable | |
| Precautionary & Statements | | H302: Harmful if swallowed. H317: May cause an allergic skin reaction. H336: May cause drowsiness or dizziness. | | | P102: Keep out of reach of children. P301: IF SWALLOWED: Drink large quantities of water or milk. P305: IF IN EYES: Flush eyes with large quantities of water. | | | | |
| 3. COMPOSITION | | | | | | | | | |
| Chemical | | CAS # | | LD-50 (Oral, mg/kg) | | Concentration (%) | | | |
| Ethanol | | 64-17-5 | | 7,060 (Rat) | | 19.9 | | | |
| Chlorhexidine Gluconate | | 18472-51-0 | | 2,000 (Rat) | | 0.1 | | | |
| 4. FIRST AID MEASURES | | | | | | | | | |
| Inhalation | | If breathing is difficult, remove individual to fresh air. | | | Ingestion | | Drink large quantities of milk or water to dilute. Do not induce vomiting. | | |
| Skin Contact | | No adverse effects. Slightly drying. | | | Eye Contact | | Flush with plenty of water. | | |
| Most Important Symptoms and Effects (Acute and Delayed) | | | | | | | | | |
| May cause acute mild drowsiness, respiratory and/or eye irritation. | | | | | | | | | |
| Indication of any Immediate Medical Attention and Special Treatment Needed | | | | | | | | | |
| Not Applicable. | | | | | | | | | |
| 5. FIREFIGHTING MEASURES | | | | | | | | | |
| Non-flammable. | | | | | | | | | |
| 6. ACCIDENTAL RELEASE | | | | | | | | | |
| Use all means to prevent spillage. No other specific measures are necessary, provided vapours are not permitted to build up. | | | | | | | | | |
| 7. HANDLING & STORAGE | | | | | | | | | |
| Store in a cool, dry, well-ventilated location. Keep away from heat, sparks and flames. DO NOT mix with bleach or peroxides. Storage and Transport: 0°- 30°C | | | | | | | | | |
| 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION | | | | | | | | | |
| No specific measures required. | | | | | | | | | |
| 9. PHYSICAL AND CHEMICAL PROPERTIES | | | | | | | | | |
| Physical State | Colour | Odour | | Solidification point | Boiling point OECD 103 | Flash Point ASTM D56 | Density g/ml@ 25°C | pH | Kinematic Viscosity@23°C |
| Transparent, Liquid | Blue | Fresh | | -10°C | 90°C | 36°C | 0.971 | 9.0 | 12 mm²/s |
| 10. STABILITY AND REACTIVITY | | | | | | | | | |
| Stable under normal conditions. Incompatibility: Strong oxidants, acid chlorides, silver salts. Decomposition: Products: CO ₂ , CO | | | | | | | | | |
| 11. TOXICOLOGICAL DATA | | | | | | | | | |
| Acute Dermal Toxicity | | LD ₅₀ >5000 mg/kg Not found to be dermal sensitizer | | | Acute Oral | | LD ₅₀ >5000 mg/kg | | |
| Ocular Irritation | | 0.0 severity after 7 days | | | Acute Inhalation Toxicity | | LC ₅₀ : 2.3 mg/L Rat | | |
| Reproductive Hazards | | Ingestion/inhalation can be harmful. (TDLo 300mg/Kg Ethanol) | | | Carcinogenicity | | Ingestion of Ethanol IARC Group 1. | | |
| Tests Performed by Product Safety Labs, Dayton, NJ USA | | | | | | | | | |
| 12. ECOLOGICAL INFORMATION | | | | | | | | | |
| Surfactants are readily biodegradable in soil and water. Persistence unlikely based on available data. | | | | | | | | | |
| Ethanol | | EC50 (72h) = 275 mg/l (Chlorella vulgaris) | | Fathead minnow (Pimephales promelas) LC50 = 14200 Mg/L/96h | | Photobacterium Phosphoreum:EC50 = 34634 Mg/L/30 min Photobacterium Phosphoreum:EC50 = 35470 Mg/L/5 min | | EC50 = 9268 mg/L/48h EC50 = 10800 mg/L/24h | |
| 13. DISPOSAL CONSIDERATIONS | | | | | | | | | |
| Domestic. | | | | | | | | | |
| 14. TRANSPORT INFORMATION | | | | | | | | | |
| Not regulated | | | | | | | | | |
| N/A | | Land | | | Sea | | | Air (IATA) | |
| | | N/A | | | N/A | | | N/A | |
| | | N/A | | | N/A | | | N/A | |
| | | N/A | | | N/A | | | N/A | |
| 15. REGULATORY INFORMATION | | | | | | | | | |
| TSCA – No reporting required. | | | | | CERCLA – No hazardous pollutants or ozone depletion. | | | | |
| 16. OTHER INFORMATION | | | | | | | | | |
| The information and recommendations contained herein are based on information believed to be correct. It is offered in good faith, without guarantee. Micrylium Laboratories Inc. make no warranty expressed or implied. | | | | | | | | | |
| Effective Date: 2022/05/22 | | | | Revision Date: 2025/08/05 | | | Document: TEXT 1.3 | | |