


| 1. IDENTIFICATION  |            |   |                      |                           |  |  |  |                     |                |
|--|------------|---|----------------------|---------------------------|--|--|--|---------------------|----------------|
| Product Name   |            | BioSON  |                      |                           | Manufacturer   |  | Micrylium Laboratories Inc.  |                     |                |
| Registration   |            | CAN   | Class I              |                           | Address  |  | 5000M Dufferin Street,<br>Toronto, Canada,<br>M3H 5T5<br>www.micrylium.com |                     |                |
|  |            | EU CE BAG   | Class I              |                           |  |  |  |                     |                |
| Indication   |            | Enzymatic detergent concentrate   |                      |                           | 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   |            |    |                      |                           | Signal Word  |  | Irritant   |                     |                |
|  |            |   |                      |                           | Symbol   |  | Exclamation mark   |                     |                |
| Hazard Classification  |            | Not Applicable  |                      |                           |  |  |  |                     |                |
| Health Hazard  |            | No Serious Health Hazards   |                      |                           |  | Environmental Hazards  |  | Biodegradeable      |                |
| Precautionary & Hazard Statements  |            | <b>P102:</b> Keep out of reach of children.<br><b>P301:</b> IF SWALLOWED: Drink large quantities of water or milk.<br><b>P305:</b> IF IN EYES: Flush eyes with large quantities of water. |                      |                           |  | <b>H302:</b> Harmful if swallowed.<br><b>H317:</b> May cause an allergic skin reaction.<br><b>H320:</b> Causes eye irritation. |  |                     |                |
| 3. COMPOSITION   |            |   |                      |                           |  |  |  |                     |                |
| Chemical   |            |   | CAS #                |                           | LD-50 (Oral, mg/kg)                                  |  | Concentration (%)  |                     |                |
| Chlorhexidine Gluconate  |            |   | 18472-51-0           |                           | 2,000 (Rat)  |  | 1.70%  |                     |                |
| 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   |            | If irritation occurs, rinse area thoroughly   |                      |                           | Eye Contact  |  | Flush with plenty of water for 20 minutes.                                 |                     |                |
| Most Important Symptoms and Effects (Acute and Delayed)  |            |   |                      |                           |  |  |  |                     |                |
| Not Applicable.  |            |   |                      |                           |  |  |  |                     |                |
| Indication of any Immediate Medical Attention and Special Treatment Needed   |            |   |                      |                           |  |  |  |                     |                |
| Not Applicable.  |            |   |                      |                           |  |  |  |                     |                |
| 5. FIREFIGHTING MEASURES   |            |   |                      |                           |  |  |  |                     |                |
| Non-flammable.   |            |   |                      |                           |  |  |  |                     |                |
| 6. ACCIDENTAL RELEASE  |            |   |                      |                           |  |  |  |                     |                |
| Use a paper towel to absorb and dispose with domestic garbage.   |            |   |                      |                           |  |  |  |                     |                |
| 7. HANDLING & STORAGE  |            |   |                      |                           |  |  |  |                     |                |
| Store in a cool, dry, well-ventilated location. 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  | Density g/ml@ 25°C   | pH   | Kinematic Viscosity |                |
| Transparent, Liquid  | Light Blue | Citrus  | -8°C                 | 105°C                     | N/A  | 1.05   | 10.0   | 80 mm²/s            |                |
| 10. STABILITY AND REACTIVITY   |            |   |                      |                           |  |  |  |                     |                |
| Stable under normal conditions. <b>Incompatibility:</b> Strong oxidants, acid chlorides, silver salts. <b>Decomposition:</b> Products: CO <sub>2</sub> , CO  |            |   |                      |                           |  |  |  |                     |                |
| 11. TOXICOLOGICAL DATA   |            |   |                      |                           |  |  |  |                     |                |
| Acute Dermal Toxicity  |            | Not found to be dermal sensitizer   |                      |                           | Acute Oral   |  | N/A  |                     |                |
| Ocular Irritation  |            | 0.0 severity after 7 days   |                      |                           | Acute Inhalation Toxicity                            |  | N/A  |                     |                |
| Reproductive Hazards   |            | None  |                      |                           | Carcinogenicity                                      |  | None   |                     |                |
| 12. ECOLOGICAL INFORMATION   |            |   |                      |                           |  |  |  |                     |                |
| Surfactants are readily biodegradable in soil and water.   |            |   |                      |                           |  |  |  |                     |                |
| 13. DISPOSAL CONSIDERATIONS  |            |   |                      |                           |  |  |  |                     |                |
| Domestic.  |            |   |                      |                           |  |  |  |                     |                |
| 14. TRANSPORT INFORMATION  |            |   |                      |                           |  |  |  |                     |                |
| Not Applicable.  |            |   |                      |                           |  |  |  |                     |                |
| 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: 2022/10/02 |  |  | Document: SON 1.3  |                     |                |