



One-Compartment Tray Environmental Impact Product Comparison



| | Bio-based | Plastic |
|----------------|--|---|
| Production | <p>88% renewable bio-based material*</p> <p>Reduces CO₂e by 82%¹</p> <p>90% plastic reduction by weight¹</p> <p>Free of intentionally added BPA or BPA derived plastics, mercury, phthalates, and PVC.²</p> <p>PFAS-free²</p> | <p>Requires greater amount of petroleum (a non-renewable resource), energy and chemicals in production</p> <p>At least 148 chemicals are present in plastic or used in manufacturing and have been identified as highly hazardous to human health and the environment³</p> |
| Use & Disposal | <p>Basins and bowls are disposed of in municipal or regulated medical waste depending on contamination level.</p> <p>One ton of plastic is eliminated for every 23,500 single compartment trays.</p> | <p>Trays are disposed of in municipal waste or in regulated medical waste depending on level of contamination.</p> <p>Globally, annual use of plastics in healthcare was recently estimated at 15 million tons.⁴</p> |
| End of Life | <p>Free of chemicals of concern, poses no risk to human or environmental health during decomposition.</p> | <p>Plastic and associated toxins end up in our air, farmland, groundwater, and oceans, leading to negative impacts on all human health⁵</p> <p>Plastics are projected to outpace coal by 2030 as a major source in driving climate change.⁶</p> |

*Bio-based material percentage is tested and verified through the USDA BioPreferred Program. ¹ When compared to a similar leading product made with plastic. Plastic and carbon reductions are validated through the Small Change, Big Impact EPP Program created in conjunction with Environmental & Public Health Consulting. ² Validated by SGS North America. ³ NGS SCBI calculator ⁴<https://www.plasticpollutioncoalition.org> ⁵<https://iuk.ktn-uk.org> ⁶ <https://www.unep.org> ^{EE} News and GreenWire

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