



Case Medical

Supporting Safer Chemical
Useage



Case Medical

- An ISO 13485 and ISO 27001 certified USA manufacturer
- Producing products for cleaning, decontamination, and sterilization of medical devices
- U.S. EPA Safer Choice Partner of the Year
- Participant in the Chemical Footprint Project since 2018
- Meeting NJ Green Building Project requirements
- Developing a full line of environmentally preferred cleaners and cleansers for healthcare and for the community



Participating in the Chemical Footprint Project

- The Chemical Footprint Project creates a clear, common logic for communicating, evaluating, and measuring chemical management performance
- Case Medical's journey to support sustainability and chemical management in our products and manufacturing facility started years ago:
 - By developing reusable containment devices for surgical procedures made of metal, primarily aluminum, the greenest of all metals
 - By formulating the safest instrument chemistries for use in healthcare facilities
 - By creating a safer manufacturing facility by reducing chemical usage and utilizing only the safest chemicals available
 - By partnering with the U.S. EPA Safer Choice Program since its inception
 - By participating in the Chemical Footprint Project surveys



The Chemical Footprint (CFP) Survey

- Helps companies like Case Medical evaluate our chemical management system
- Encourages us to do continuous improvement as we have a benchmark to follow year to year to reduce our chemical footprint
- This includes replacing harmful chemicals wherever possible with safer ones as we reference the EPA SCIL list and GreenBlue's CleanGredients to identify safer chemicals
- Further to look holistically at all issues related to sustainability
 - Example, to reduce carbon emissions, utilize filtration instead of chemical additives for water quality treatment, improve air quality, and waste management in our manufacturing facility
 - Innovate with safer instrument chemical agents and enzymes to improve outcomes, reduce energy consumption and provide a process that replaces harsh and hazardous chemicals with those that are safer for people, the planet, and for demonstrate infection prevention potential



Case Medical and Sustainability

- Our journey as a sustainable, medical device manufacturer/formulator started over three decades ago
- We made the decision to only make our reusable products (medical trays and containers) out of metal, aluminum, in the 1990's when the industry focused on plastic as their preferred material
- When we developed our instrument chemicals, we referred to the SCIL list, joined GreenBlue, and looked at SDS sheets to find only the safest ingredients in their class
- Our cleaning products: detergents, enzymatic cleaners, solvent, and skin cleanser display the EPA Safer Choice label
- Our factory meets the requirements of the NJ Green Building Project



Continuous Improvement

- The CFP Survey is composed of nearly 20 questions which include management strategy, chemical inventory, and footprint measurement
- We can measure improvement year to year with the chemicals we use and those chemical agents we manufacture
- CFP also led us to think holistically to improve air quality and waste
- Addressing the carbon footprint is on schedule for continuous improvement
- Our plan is to engage an outside agency to measure our existing carbon footprint to create a benchmark for year-to-year improvement



Why Case Medical Participates in CFP

- CFP provides us with a tool to reduce chemicals of concern
- It gives us a way to engage our customers and create awareness about chemicals of concern
- It reinforces the science about better chemical management
- It encourages those of us in industry to continue our sustainability journey by introducing safer chemicals to the market and cleaner production in our factories



Our Goals for Reducing the Chemical Footprint

- By reviewing all chemical requisitions and formulations to ensure applicable compliance issues are addressed and by using only the safest ingredients in their class
- To reduce, and if possible, to eliminate the use of pesticides and toxic chemicals when safer, more effective products and materials are available
- To avoid the use of Chemicals of High Concern (CoHC) in product and process
- To commit to continuous improvement by reducing our chemical footprint and continuing to measure product, package and operations
- To inform, educate, and communicate the importance of avoiding the use of hazardous and unnecessary chemicals by providing safe and effective alternatives





Thank you from Case Medical

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