



TERRAFEND

Improving your safety profile with Ambimization®

De-risk cleaning operations to promote a healthier, safer work environment for all employees.

Industrial coatings are, by nature of their protective purpose, resilient and notoriously difficult to clean from manufacturing vessels and infrastructure. Consequently, coatings and composite cleaning processes have relied on hydrocarbon solvents and heated detergents which are extremely high in VOCs and cause workplace fire and health risks. Additionally, compliance (such as REACH and COSHH) can be time consuming, while ATEX zoning is challenging to maintain and reduces operating flexibility.

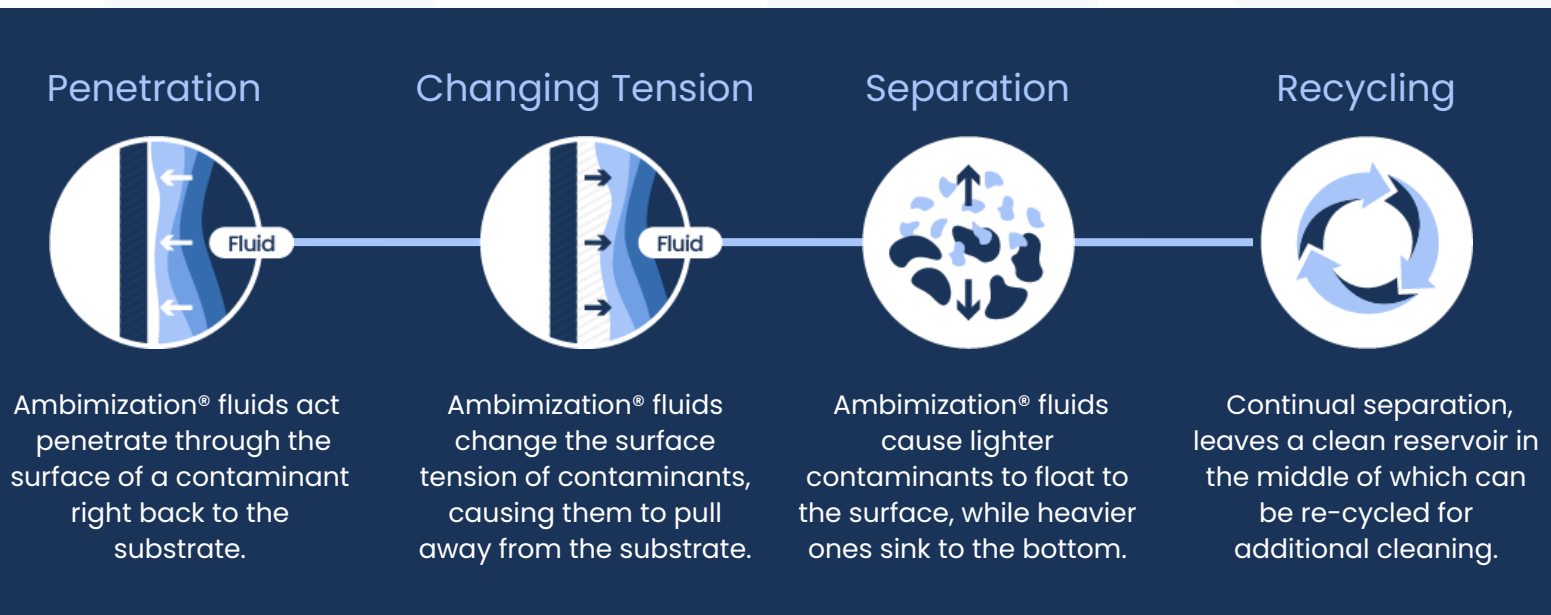
Terrafend is unlocking the potential of a circular economy with sustainable solutions that manufacturers—and the planet—can rely on. We reinvent cleaning processes to enable businesses to reduce risk, waste and carbon footprints.

Our patented cleaning methodology, Ambimization®, combines chemical and mechanical engineering to provide revolutionary, clean technology that removes hydrocarbon solvents, caustic solutions and heated chemicals from manufacturing processes.

Terrafend's Ambimization® fluids are non-toxic, non-carcinogenic and non-flammable, drastically reducing major risks to the workplace and workforce that typical solvent-based solutions create. By switching to Ambimization®, manufacturers can eliminate ATEX zoning requirements and reduce HSE actions and compliance overhead by over 50%.

How it works

Ambimization® leverages state-of-the-art machines and our proprietary, water-based fluids to deliver sustainable, high-performance replacements for traditional cleaning processes that place people and our planet at risk. Ambimization® empowers manufacturers to meet sustainability requirements while increasing productivity, safety and employee satisfaction.



Coatings & Composite cleaning fluids

Terrafend's proprietary, water based fluids, work at ambient temperature and can be used repeatedly before reaching end of life, enabling circular cleaning processes for coatings and composite manufacturers.



Clean at ambient temperatures

Deliver maximum efficiency at ambient temperatures - no heating, extraction or ventilation.



Unlock faster cleaning cycles

Facilitate faster cleaning and throughput. Our fluids enable flexible deployment methods.



Reduce risk & improve safety

Eliminate ATEX zoning requirements and reduce HSE actions and compliance overhead by over 50%.