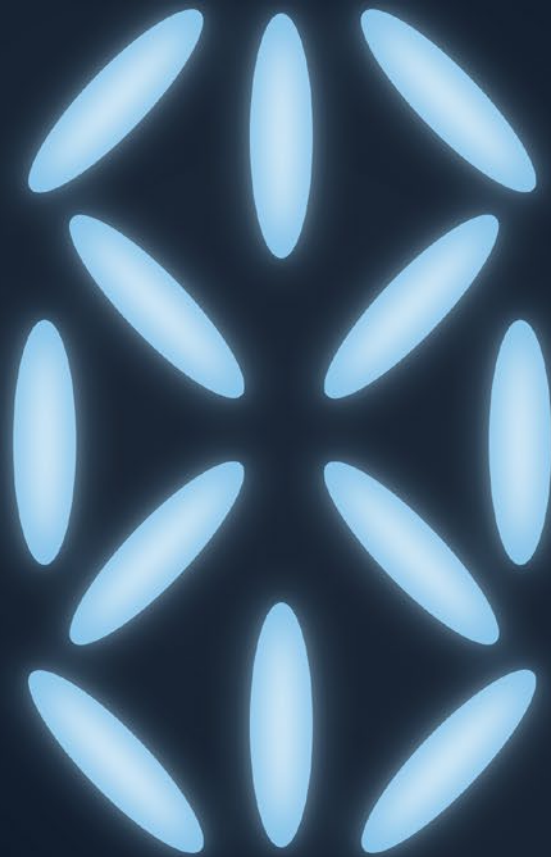


# Ultra Safe Technology



Vikan UST: Raising Standards  
in Security, Safety and Hygiene





Ultra Safe  
Technology





# Join the Hygiene Revolution

Vikan is more than a manufacturer of cleaning equipment.  
We are innovators and pioneers with a mission:  
To improve food safety.

At Vikan, we are dedicated to continuous innovation  
within hygienic cleaning. With our innovative **ULTRA SAFE  
TECHNOLOGY** we have re-invented cleaning tools and  
started a revolution.





Security  
Safety  
Hygiene

## Food Industry Challenges

The food industry faces a number of challenges every day.

- How to comply with legal and auditor requirements
- How to achieve a standard of cleaning that helps prevent product recall and rejection
- How to minimise the risk of food contamination
- How to ensure safe food production

UST products from Vikan offer a safe and secure solution that complies with food safety regulations and minimises the risk of contamination hazards. ULTRA SAFE TECHNOLOGY helps improve food safety and quality, minimises food waste, and secures increased efficiency.

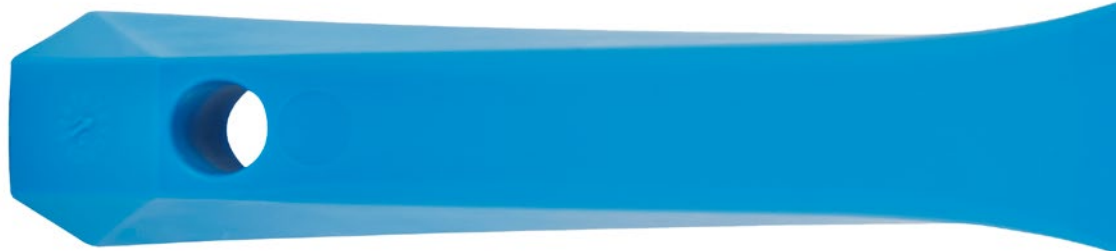


# Meeting the Needs of the Food Industry

We gave our R&D team the challenge to meet the industry needs for food safety.

UST was developed in close cooperation with food industry partners. Using cutting-edge innovation and advanced engineering, Vikan re-invented the design and construction of cleaning tools to ensure the highest levels of hygiene and optimal efficiency in food safety-critical environments.

# State of the Art Performance



ULTRA SAFE TECHNOLOGY is part of Vikan's ambition to create the most secure, safe, and hygienic cleaning tools for the food and beverage industry. Rigorous testing has proved great functionality, durability, and chemical and thermal resistance.

UST cleaning tools are compliant with BRCGS (GFSI-benchmarked) requirements, FDA 21 CFR and EU 10/2011 regulations.



All Vikan products that might come into contact with food have been designed to comply with Framework Regulation (EC) 1935/2004 and EU 10/2011, and are marked with the glass and fork symbol.



These food-contact products are made in compliance with the U.S. FDA-regulation CFR 21 regarding products for use when processing, handling, and packaging food.

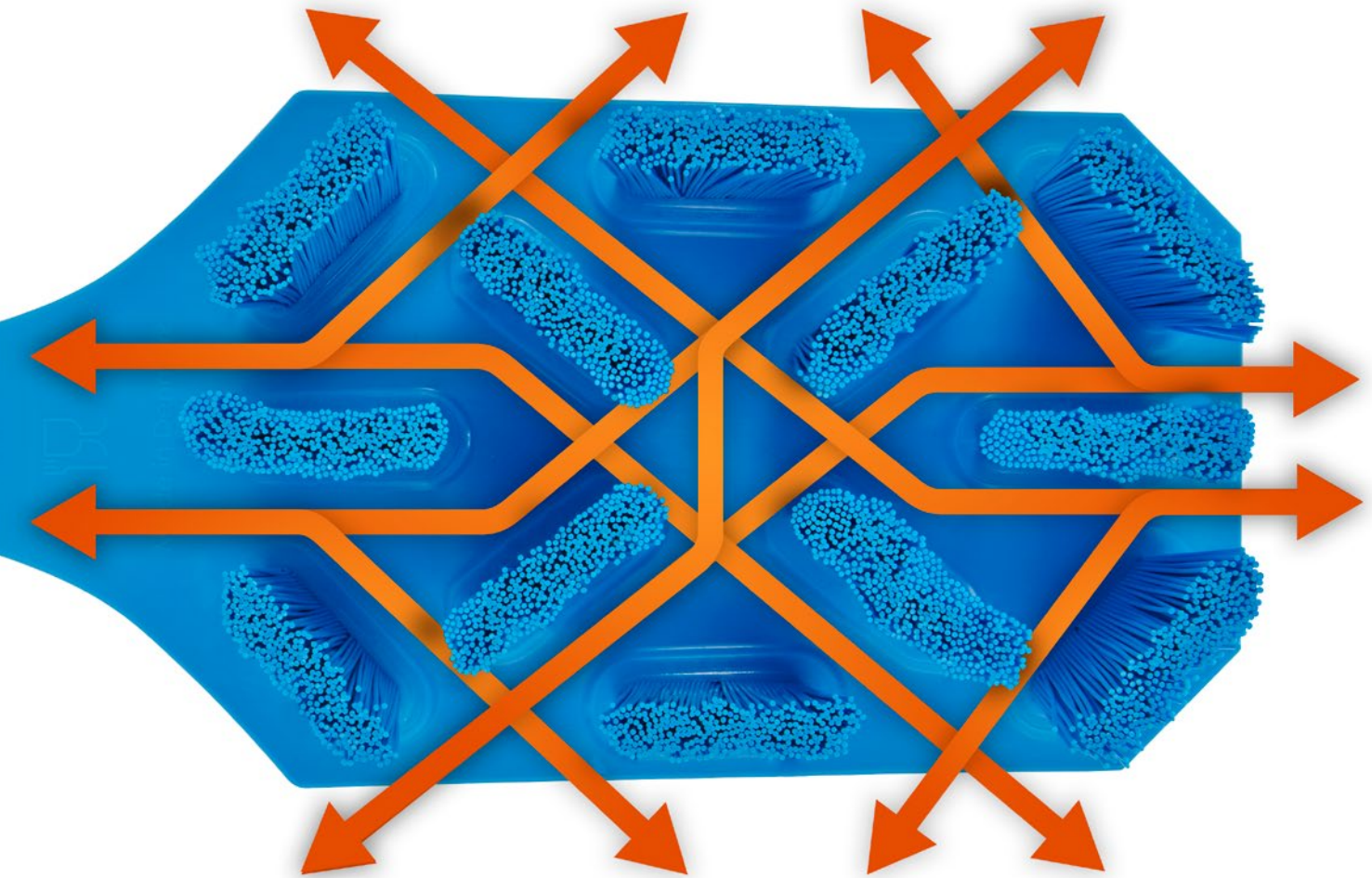
See Documentation of Compliance at [www.vikan.com/uk/services/ultra-safe-technology](http://www.vikan.com/uk/services/ultra-safe-technology)



## Unique Brush Head Pattern

The unique design of the brush head pattern makes the brush easy to clean and dry and improves the cleaning efficacy, thus reducing the risk of product rejection or recall due to contamination from:

- ✓ Microbes
- ✓ Foreign bodies
- ✓ Allergens
- ✓ Cleaning chemicals
- ✓ Food residues



## Cleaning Efficacy

The pattern of the Filament Security Units in each brush head is designed with regard to its specific cleaning function. The arrangement of the units ensures efficient cleaning.





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Technology



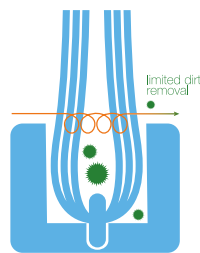


# Hygienic design

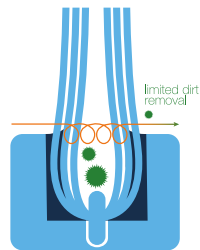
## How the tool is cleaned

To clean the crevice where the bristles are attached, water turbulence is required. The deeper the crevice, the harder it is to remove contamination. Using good hygienic design principles, the UST brushware has been produced with a crevice of only 2 mm, which improves the removal of contamination compared to other brushware on the market today.

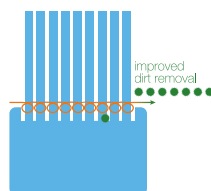
Drilled and stapled:



Resin set, drilled and stapled:



Ultra Safe Technology:





- ✓ Easy to clean and dry
- ✓ Easy visual inspection
- ✓ No metal staples or resin
- ✓ Smooth surface finish
- ✓ No acute internal angles
- ✓ Good bristle security
- ✓ FDA and EU compliant
- ✓ High cleaning efficacy
- ✓ Fully tested and documented
- ✓ Strong, durable, and light construction



# Designed to Improve Food Safety

The hygienic design of ULTRA SAFE TECHNOLOGY enhances cleanability and reduces the risk of bacterial, physical, and chemical contamination.

The smooth surface finish and rounded and curved design reduce the potential for contaminants to adhere to the brushes. The space between the bristle bundles facilitates easy visual inspection and removal of debris.

UST products are designed and constructed to reduce the risk of foreign body contamination from bristle loss.

Cleaning, sterilising, and drying UST products is a simple process, as they are both thermally and chemically resistant.

All these features meet the requirements of regulators, auditors, and retailers, and are fully tested with documentation available in support of these requirements.





Ultra Safe  
Technology



# Comprehensively Tested



Durability  
tested



Autoclavable  
up to 121°



Strength  
tested



Bristle security  
tested



Dishwasher  
proof



Fully  
moulded



Proven chemical  
resistance



FDA & EU food  
contact compliant



Heat/cold  
shock tested



Functionality  
tested



Cleanability  
tested



Smooth surface  
tested

Vikan is the only cleaning product manufacturer to comprehensively test our products in this way and provide evidence of this testing to our customers in support of audit requirements and due diligence.

See test documentation at [www.vikan.com/uk/services/ultra-safe-technology](http://www.vikan.com/uk/services/ultra-safe-technology)

# Ultra Safe Technology Product Range



Available in  
8 colours



## UST Broom

400mm - Soft, 3171x and Medium, 3173x

The UST Broom efficiently sweeps floors in high-risk areas. Soft bristles are ideal for bakeries and infant formula production where dry, fine powders need to be swept up. Medium bristles are ideal for environments that may have both dry and wet soils.



## UST Deck Scrub

400mm - Stiff, 7064x

The stiff bristles in this scrub effectively remove stubborn dirt on both textured and smooth floors in high-risk areas. The angled arrangement of the Filament Security Units enable efficient cleaning in corners and angles.





## UST Bench Brush

Soft, 4581x and medium, 4585x

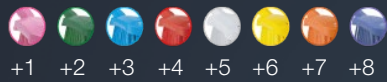
This brush is efficient at sweeping messes from conveyor belts, food preparation surfaces, tables, and equipment in high-risk areas. The soft bristles easily sweep powders like flour and sugar while the medium bristles excel at tasks where there's heavier soils, like damp or wet food products. Either brush works well with conveyor belts, tables, and benchtop surfaces.



## UST Short Handled Hand Brush

Stiff, 4179x

This short-handled version of our hand brush is an all-around workhorse for hygiene-sensitive environments. The Filament Security Unit pattern was designed for maximum efficiency while keeping the brush easy to clean.



## UST Long Handled Hand Brush

Stiff, 4196x

The stiff bristles and the long handle on this brush make it the best choice for scrubbing up tough, stuck-on messes. The long handle also makes it easy to navigate complicated machinery. The Filament Security Units are arranged for maximum efficiency while keeping the brush easy to clean and less likely to clog with debris.



# UST Hand Brush

Stiff, 3891x

The UST Hand Brush scrubs up the toughest messes thanks to its stiff bristles and ergonomic centre grip. The Filament Security Unit pattern was tested to ensure efficiency and cleanability, and the bristles themselves are angled to reach into corners.



# UST Detail Brush

Soft, 555130x

The UST Detail Brush is designed for detail cleaning in dry environments where soft bristles are useful and hygiene is critical, such as when allergens are a risk. Also useful as a pastry or glazing brush in food handling applications.



Vikan is at the leading edge of product development and sets the standards for effective, efficient, and durable cleaning solutions. We deliver premium product quality, which gives our customers peace of mind. We are specialists within hygienic cleaning solutions because we collaborate with our customers and have a profound knowledge of cleaning methods and tools.



Vikan is one of the world's leading manufacturers of hygienic and effective cleaning solutions. We offer more than 125 years of innovation and a range of more than 1000 different cleaning implements. All our tools are tailor-made for use in industries where hygienic cleaning is essential.

Visit us at [vikan.com](http://vikan.com)

