

# TRISORB UFA™

## ENGINEERED SURFACE DOMINANCE

Complete Removal of Uranium • Fluoride • Arsenic

### THE PROBLEM THE WORLD IS FACING

- ✗ Uranium (U) - Radioactive toxicity
- ✗ Fluoride (F) - Neurological & skeletal damage
- ✗ Arsenic (A) - Carcinogenic & deadly

Water does not properly interact with the surface

### THE TRISORB UFA™ BREAKTHROUGH

- ✓ Engineered hydrophilic metallic framework
- ✓ Ultra-low contact angle ( $\theta < 90^\circ$ )
- ✓ Maximum water spreading (wetting effect)
- ✓ Slow reaction kinetics

Adhesion > Cohesion

### THE SCIENCE BEHIND TRISORB UFA™

- ✓ Adhesion (water-surface) > Cohesion (water-water)
- ✓ High surface energy
- ✓ Strong active sites
- ✓ Maximum contaminant interaction
- ✓ Rapid adsorption kinetics

### MOLECULAR PERFORMANCE

- ✓ High surface energy
- ✓ Strong active sites
- ✓ Maximum contaminant interaction
- ✓ Rapid adsorption kinetics

### WHAT THIS MEANS IN REALITY

WATCH WATER® CORE PHILOSOPHY:

“WE DO NOT JUST FILTER WATER  
WE FORCE WATER TO INTERACT”

HYDROPHILIC  
MEDIA  
VS  
CONVENTIONAL  
MEDIA

U • F • A



WATCH WATER® - THE MOST TRUSTED NAME IN WATER

WATCH WATER® GmbH

Fahrlachstraße 14, 68165 Mannheim, Germany

Telephone : +49 621 879510

Email : info@watchwater.de

www.watchwater.de

WATCHER®  
WATCH WATER

*a Water Company*