

TITANSORB®

ACTIVATED DESTRUCTION TECHNOLOGY
TURNING LIGHTLESS ENERGY INTO PURE DESTRUCTION POWER

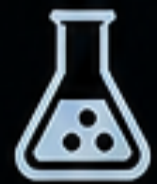
THE WORLD IS NOT LACKING WATER – IT IS LACKING CLEAN WATER



1.1 Billion people without safe drinking water



Slow, unreliable conventional disinfection



Chemical dependent methods create secondary problems

THIS IS A FAILURE OF EXISTING TECHNOLOGY

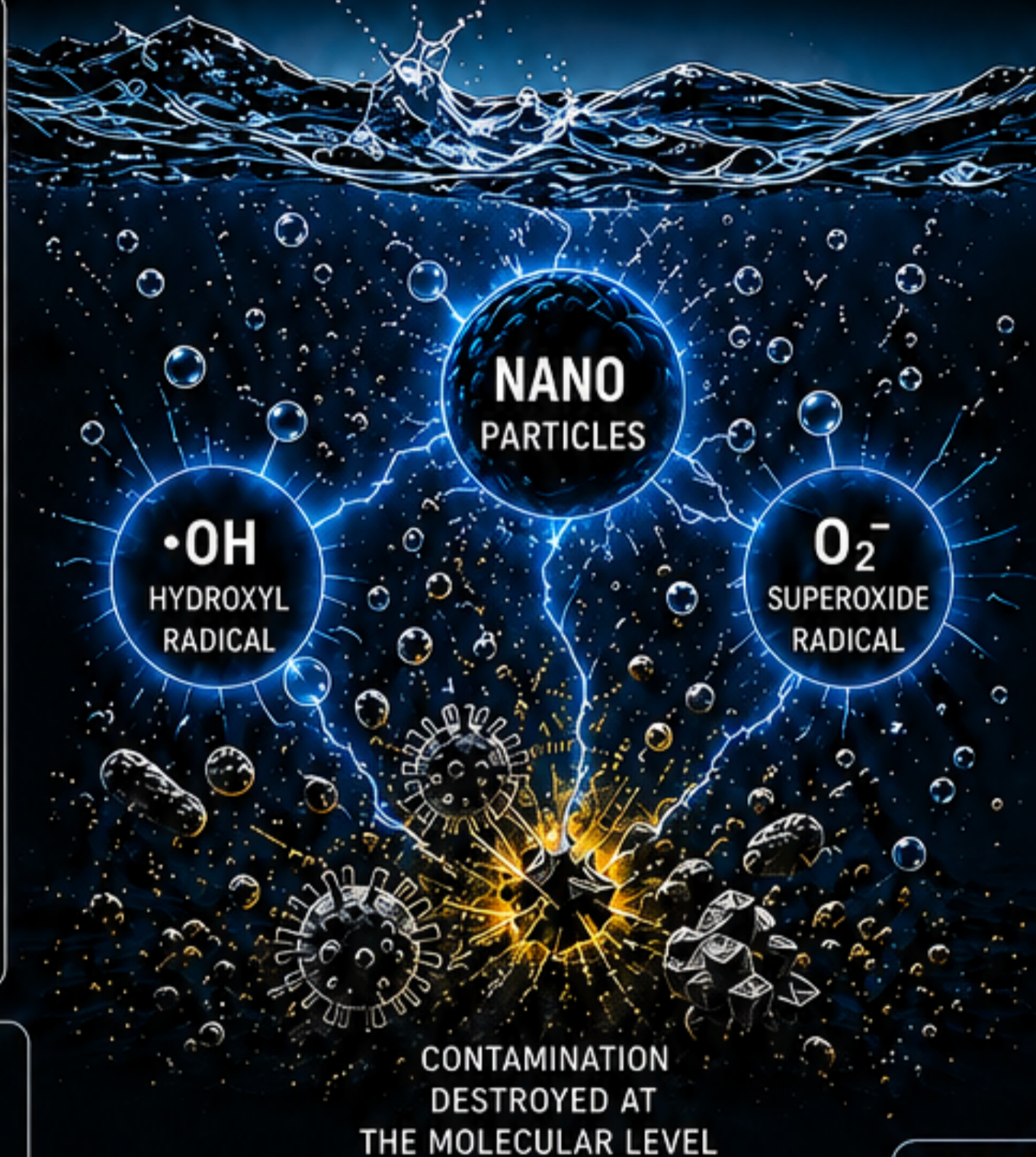
TOTAL MOLECULAR DESTRUCTION

- ✓ Bacteria
- ✓ Viruses
- ✓ Biofilm
- ✓ Organic Pollutants
- ✓ Toxic Chemicals

FINAL PRODUCTS:

CO₂ + H₂O + MINERALS

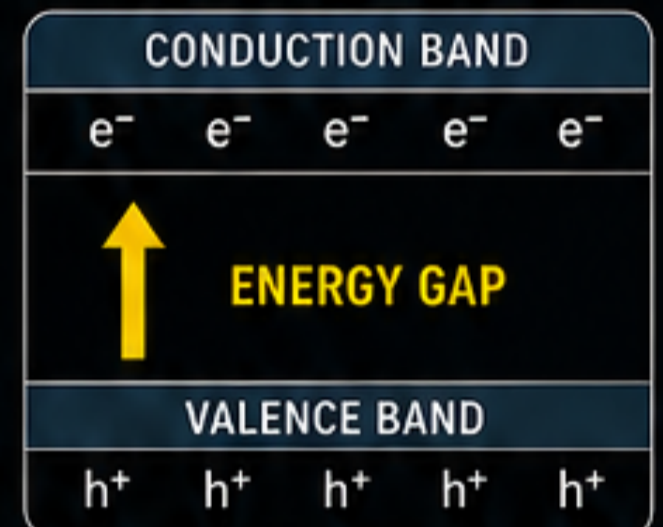
NATURAL. SAFE. HARMLESS.



HOW TITANSORB® WORKS

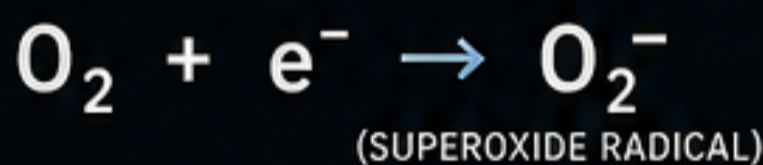
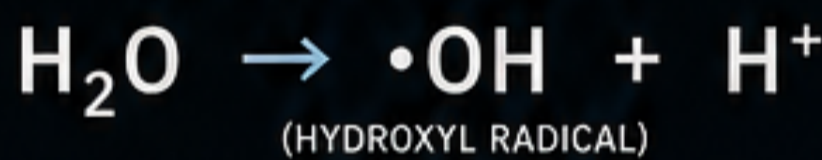
- 1 Electrons (e⁻) are excited to create high-energy states.
- 2 Reactive oxygen species are generated.
- 3 These radicals destroy contaminants at the molecular level.

BAND GAP (ENERGY LEVELS)



Energy excites electrons across the band gap creating oxidation and reduction reactions.

CORE REACTIONS



NANO-STRUCTURED POWER

- Ultra-fine particles ~14–21 nm
- Massive surface area
- Maximum catalytic efficiency



NANO POWER STRUCTURE

- 14–21 nm particles
- Massive active surface area
- Maximum catalytic efficiency

FULL SPECTRUM ACTIVATION



Works with:

- UV Light
- Visible Light (~400 nm)
- Artificial Light
- Works in any environment

SELF-ACTIVATING SYSTEM



- No chemicals required
- No dosing systems
- No harmful residues
- Sustainable & safe

FROM OLD TECHNOLOGY TO TITANSORB®

	OLD SYSTEMS	TITANSORB®
	Slow disinfection	Instant radical reaction
	Chemical dosing required	Zero chemicals
	Incomplete kill	Total molecular destruction
	Uncertain results	Predictable oxidation
	Limited efficiency	Maximum energy utilization

WIDE RANGE OF APPLICATIONS



THIS IS NOT DISINFECTION. THIS IS MOLECULAR DESTRUCTION. IF CONTAMINATION EXISTS - DESTRUCTION IS THE ONLY SOLUTION.

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WATCH WATER®
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