



**ELIXIR™**

## **DESTRUCTION OF HAZARDOUS WASTE**

- PFAS, ENERGETIC MATERIALS, WHETHER LIQUID OR SOLID
- END-TO-END SERVICE: FROM LABORATORY ANALYSIS OF THE SUBSTANCES TO THEIR TREATMENT IN OUR OWN UNITS, OR THROUGH INSTALLATION OF FACILITIES ON CUSTOMER SITES
- FIXED OR MOBILE FACILITIES, DIRECT PURCHASE OR LEASING

# ELIXIR™

## DESTRUCTION BY SUPERCRITICAL WATER OXIDATION

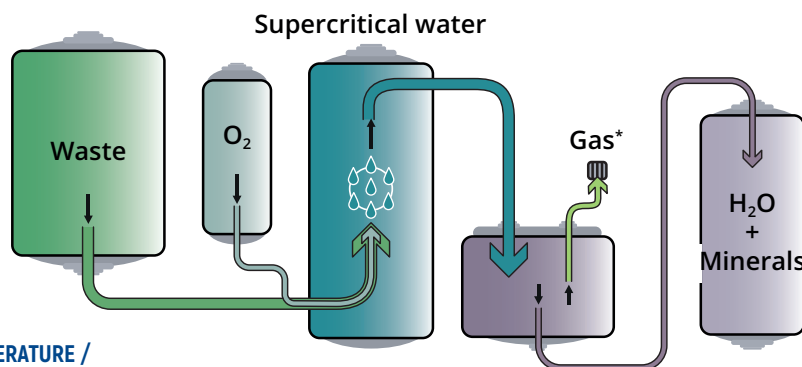
ArianeGroup has developed an innovative and sustainable process for the destruction of hazardous waste based on the properties of supercritical water: ELIXIR™.

In the supercritical state (220 bar, 374°C), water – which remains liquid – becomes a solvent for organic matter. It breaks down waste to the atomic level.

ELIXIR™ offers **total destruction** of the waste, while guaranteeing optimized environmental performance.

## Advantages of ELIXIR™

- **Sustainable:** low environmental impact, disruptive technology by comparison with existing destruction methods
- **Mobile:** on-site or out-sourced treatment, rapid commissioning
- **Scalable:** according to the type of waste and the volumes to be treated
- **Competitive:** reduced treatment costs and optimized decontamination times



**HIGH TEMPERATURE /  
HIGH PRESSURE REACTOR**

\*Zero dust, type of gas depends on the composition of the waste

Backed by more than 50 years of experience in the decontamination and recycling of industrial waste, ArianeGroup proposes innovative, reliable and measurable solutions to help companies and municipalities reduce their ecological impact, ensure regulatory compliance and improve their long-term environmental performance.

ArianeGroup's multidisciplinary team (engineers, scientists, regulations experts) proposes a comprehensive and tailored approach:

- diagnostic, audit, consulting,
- operational implementation (decontamination, transport, destruction),
- rapid response performance monitoring thanks to our integrated analysis laboratory.

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