



PRODUCT DATASHEET

REVISION

Rev 03 / 2026

A system flushing fluid for converting water-based subsea systems to water-insoluble **oil-based fluids**, with OCNS Gold (E) environmental credentials.

ELIXIR W2O is designed for the conversion of systems operating on a water-based medium to **water-insoluble oil-based fluids**, in particular environmental oils. It displaces the residual water phase and prepares the system for charging with the replacement fluid.

ELIXIR W2O is **widely compatible with both oil-based and water-based fluids**. Confirmation should always be obtained from our technical team before use to ensure maximum compatibility in service.

UK customers wishing to use ELIXIR W2O in their own formulations may request a letter of access to CEFAS for UK registration of the end product.

Flushing procedures vary with the application; the basic procedure is summarised below. Full procedures are available from our technical team.

ENVIRONMENTAL RATING

OCNS Gold

UK (OCNS Class E, no substitutable components, lowest hazard band)
Norway (Yellow).

PACKAGING

Drum	200 L
IBC	1000 L
Bulk	Available

BASIC FLUSHING PROCEDURE

1

Drain down the relevant HPU or storage tanks.

2

Add ELIXIR W2O at approximately 20% of total line volume to the water-based system.

3

Flush through immediately with 2 to 3 system volumes of the replacement fluid.

Physical properties

TYPICAL VALUES

GENERAL

Appearance	Amber
Specific gravity	0.986
Viscosity @ 40 °C	85 - 100 cSt
Water solubility	Dispersible
Oil solubility	Insoluble

THERMAL RANGE

Pour point	< 0 °C
Upper temperature	> 100 °C
Flash point	> 100 °C

COMPLIANCE

OSPAR	Compliant
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Need a sample, a flushing procedure, or compatibility confirmation? [Speak to our team.](#)

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