

HSUR43670A

Hydrosure

General Description

HSUR43670A is a cocktail of water soluble chemicals designed to protect pipelines from corrosion during hydrostatic testing and mothball operations as a single stage chemical treatment product.

HSUR43670A incorporates oxygen scavenger to rapidly remove oxygen, biocide to prevent Microbial Influenced Corrosion (MIC), together with a film forming corrosion inhibitor to combat acid (low pH) corrosion.

HSUR43670A is a completely soluble product in fresh water, seawater and in most oilfield brine solutions. It is, therefore, suitable for use in water injection systems (which have no mechanical deaeration), hydrotest and mothball operations, and as a packer fluid.

HSUR43670A has been used in a large number of major projects in the North Sea, Latin America and South East Asia.

Features

HSUR43670R is compatible with fluorescein dye liquid within the hydrotesting preservation fluid at dosage levels. They are mutually non-interfering and no detrimental impact on performance is expected.

Benefits

A combination chemical that contains individual biocide, corrosion inhibitor and oxygen scavenger components that:

- Instantaneously removes oxygen from oilfield surface waters
- Rapidly kills Sulphate Reducing (SRB) as well as other offending bacteria that give rise to Microbial Influenced Corrosion (MIC)
- Mitigates against acid corrosion resulting from residual low pH of surface waters
- HSUR43670A is rated in the Gold band under CHARM for completion workover projects.
- Extensive track record of use for over 10 years.

Material Compatibility

For material compatibility, please refer to the ChampionX materials suitability guidelines or contact your local representative to obtain this information.

Physical Properties

Appearance	Colourless to Light Yellow Liquid
Specific Gravity; 20°C	1.047 – 1.077
Viscosity; 20°C	< 25 cPs
pH	4.0 – 6.0
Solubility	Completely soluble in fresh, sea water and most oilfield brine solutions

*For most current data, please refer to MSDS.

Feeding and Dosage

HSUR43670A dosage levels are typically 500ppm for hydrotest operations and between 1000 - 4000 ppm when used as a packer fluid inhibitor. The exact dose rate for a specific job would depend on the environment and fluid that the chemical was being deployed into.

Please contact your local ChampionX representative for any further advice or information.

Shipping, Handling, and Storage

Read the label and Material Safety Data Sheet (MSDS) for complete handling information before using or storing this product. This material can be shipped in a variety of containers including drums, returnable totes and/or in bulk. Contact your ChampionX representative for shipping options and net container weights.

Contact Information

If you need assistance or information, please call your ChampionX representative or visit

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www.championx.com. You may also refer to the central office locations below.

Disclaimer

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