



ENERGY &
RESOURCES

Oilfield Technology

Delivering proven and sustainable
oilfield solutions.



INDORAMA
VENTURES

Indispensable Chemistry





Indorama Ventures: **Indovinya** is committed to advancing the **Oilfield Technology (OFT)** industry by offering a robust portfolio of high-performance chemicals that address the challenges faced in onshore and offshore operations. By collaborating closely with service companies, universities, and research institutions, Indorama Ventures ensures the development of cleaner, more efficient technologies that meet the specific needs of its clients across the entire supply chain.

The company's dedication to innovation is reflected in its diverse product offerings, which include **lubricants, degreasers, stimulation additives & solvents, emulsion preventers, corrosion inhibitors, demulsifying bases, emulsifying agents, and hydraulic fracturing additives**. These solutions are designed to operate under high temperature and pressure conditions, enhancing performance and optimizing productivity in drilling and completions, stimulation, and production optimization.

Indorama Ventures' technological platforms not only drive the creation of precision chemistry tailored for the oilfield technology sector but also prioritize minimizing socio-environmental impacts. With a deep understanding of industry demands and a commitment to operational excellence, the company delivers agile, high-performance solutions that ensure timely delivery and enhanced competitiveness for its clients.



Drilling & Completions



Stimulation & EOR



Production Optimization



Drilling & Completions

SOLUTION	DESCRIPTION	FEATURES AND BENEFITS
BASE OIL		
ULTROIL® OE 040	Aromatic-free hydrocarbon based oil	Group IV base oil for drilling fluids
CLEANING AGENTS		
ULTROIL® WBL	Nonionic formulation	Casing cleaner for general spacer and flush applications
ULTROIL® WM 1001	Aromatic-free formulation	High performance casing cleaner for spacer and flush applications
SURFONIC® VBS-D10	Specialty blends	Biodegradable, non-toxic cleaning and completion solutions
SURFONIC® OFE Series	Ethoxylated fatty amine/amide	Provide superior emulsification and stability, enhancing cleaning efficiency and performance
EMULSIFIERS		
SURFONIC® N Series	Ethoxylated nonylphenol	Improve fluid stability
SURFONIC® OFE Series	Ethoxylated fatty amine/amide	Emulsifiers for oil-based muds
SURFONIC® MW Series	Specialty blends	Emulsifier for vegetable-based muds
ALKOSYNT® ID Series	Ethoxylated synthetic alcohol	Emulsifiers for oil-based muds
DEFOAMER		
SURFONIC® LF Series	Alkoxylated alcohol	Foam control for drilling fluids
SURFONIC® POA Series ULTRARIC® PE Series	EO/PO Copolymer	Foam control for drilling fluids
LUBRICANTS		
ULTRAFLUID® LB P10	Fatty acid-based formulation	High performance lubricant for directional drilling
ULTRAFLUID® LB G10	Fatty acid-based formulation	Lubricant for water-based mud with triazine
ULTROIL® LB 8400	Nonionic lubricants	Onshore Lubricant for water-based drilling fluids
NON-EMULSIFIERS FOR COMPLETION BRINES		
ULTRAWET® 70	BTEX-free nonionic formulation	High performance non-emulsifier for monovalent brines
ULTRAWET® 80	BTEX-free nonionic formulation	High performance non-emulsifier for monovalent and divalent brines
ULTRAWET® 110	BTEX/NPE-free nonionic formulation	High performance non-emulsifier for monovalent and divalent brines

SOLUTION	DESCRIPTION	FEATURES AND BENEFITS
----------	-------------	-----------------------

SHALE CONTROL

ULTROIL® SC 159	Polyglycols	Shale Inhibition
SURFONIC® OFS 500	Polyglycols	Shale Inhibition
SURFONIC® OFS 600	Polyglycols	Shale Inhibition
SURFONIC® L4 Series	Ethoxylated butanol	Cloud point modifier

WETTING AGENTS

SURFONIC® N Series	Ethoxylated nonylphenol	Wettability modifier
---------------------------	-------------------------	----------------------

FORMULATION ADDITIVES

ALKONAT® L Series SURFONIC® L24 Series	Alkoxyated natural alcohol	Natural-based emulsifier, wetting agent, and surface tension reducer for various formulations
ALKOSYNT® Series	Ethoxylated synthetic alcohol	NPE-free emulsifier, wetting agent and surface tension reducer for various formulations
SURFONIC® N Series ULTRANEX® NP Series	Ethoxylated nonylphenol	Emulsifier, wetting agent and surface tension reducer for various formulations
ALKEST® CSO Series	Ethoxylated castor oil	Natural-based emulsifier, wetting agent and surface tension reducer for various formulations
ALKEST® SP Series	Sorbitan esters	Natural-based emulsifier, wetting agent and surface tension reducer for various formulations
ALKEST® TW Series	Ethoxylated sorbitan ester	Natural-based emulsifier, wetting agent and surface tension reducer for various formulations
SURFONIC® POA L Series ULTRARIC® PE Series	EO/PO Copolymer	Anti-foaming agent



Stimulation & EOR

SOLUTION	DESCRIPTION	FEATURES AND BENEFITS
ANTI-SLUDGE AGENT		
LAVREX® Series XOF-22A	Linear alkylbenzene sulfonic acid	Anti-sludge agent and stimulation performance enhancer for alphaltenic/paraffinic crudes
FLOWBACK AIDS		
ULTRAFRAC® FB Series ULTRAFRAC® FS Series	Specialty blends	Flowback aid solutions for fracturing and acidizing fluids
ALKONAT® L Series SURFONIC® L24 Series	Alkoxyated natural alcohol	Wettability modifier/Surface tension reducer for fracturing and acidizing fluids
ALKOSYNT® ID / IT Series	Ethoxylated synthetic alcohol	Surface tension reducer for fracturing and acidizing fluids
ULTRAMINA® TA Series	Alkoxyated tallow amines	Surface tension reducer for fracturing and acidizing fluids
FRICITION REDUCER ADDITIVES		
ALKEST® SP Series	Sorbitan ester	High performance surfactants for emulsion polymerization
ALKEST® TW Series	Ethoxylated sorbitan ester	High performance surfactants for emulsion polymerization
ALKEST® CSO Series	Ethoxylated castor oil	High performance surfactants for emulsion polymerization
ALKONAT® L Series SURFONIC® L24 Series	Alkoxyated natural alcohol	High performance surfactants for emulsion polymerization
ALKOSYNT® IT Series SURFONIC® TDA Series	Ethoxylated synthetic alcohol	High performance surfactants for emulsion polymerization
VISCOELASTIC SURFACTANT		
ULTRACK® VS G10	Zwitterionic	Viscoelastic surfactant for stimulation in high temperature conditions
ULTRACK® VS 300 HT	Zwitterionic	Viscoelastic surfactant for stimulation in high temperature conditions
MUTUAL SOLVENT		
EBMEG	Butylglycol	Mutual solvent to treat the reservoir wettability and enhance fluid compatibility
SURFONIC® L4 Series	Alkoxyated butanol	Mutual solvent to treat the reservoir wettability and enhance fluid compatibility
NON-EMULSIFIER SOLUTIONS		
ULTRAWET® 70	BTEX-free nonionic formulation	High performance non-emulsifier for monovalent brines and HCl fluids
ULTRAWET® 80	BTEX-free nonionic formulation	High performance non-emulsifier for monovalent and divalent brines, HCl fluids, and paraffinic crude oils
ULTRAWET® 110	BTEX/NPE-free nonionic formulation	High performance non-emulsifier for divalent brines, broken gels, and HCl fluids
ULTROIL® CO 1010	Alkoxyated nonionic resin	High performance additive of non-emulsifier formulations for fracturing and acidizing fluids
ALKEST® CSO Series	Ethoxylated castor oil	Additive of non-emulsifier formulations for fracturing and acidizing fluids
SURFONIC® POA Series ULTRARIC® PE Series	EO/PO Copolymer	Additive of non-emulsifier formulations for fracturing and acidizing fluids

Production Optimization

SOLUTION	DESCRIPTION	FEATURES AND BENEFITS
----------	-------------	-----------------------

DEMULSIFIERS

ULTROIL® EB 1020	Alkylphenol alkoxyate resins	Improve water droplet coalescence
ULTROIL® EB 1030	Alkylphenol alkoxyate resins	Improve water droplet coalescence
ULTROIL® EB 1040	Alkylphenol alkoxyate resins	Improve water droplet coalescence
ULTROIL® EB 1055	Alkylphenol alkoxyate resins	Improve water droplet coalescence
ULTROIL® EB 6010	Proprietary formulation	Multifunctional demulsifier
SURFONIC® OFD 150	Alkoxyated polyamines	Enhance interface quality, break secondary emulsions
SURFONIC® OFD 301	Alkoxyated polyamines	Enhance interface quality, break secondary emulsions
SURFONIC® OFD 302	Alkoxyated polyamines	Enhance interface quality, break secondary emulsions
SURFONIC® OFD 101	EO/PO Copolymer	Enhance interface quality, break secondary emulsions
SURFONIC® OFD 328	EO/PO Copolymer	Enhance interface quality, break secondary emulsions
SURFONIC® OFD 335	EO/PO Copolymer	Enhance interface quality, break secondary emulsions
SURFONIC® POA-17R2	EO/PO Copolymer	Enhance interface quality, break secondary emulsions
ULTROIL® EB 2010	EO/PO Copolymer	Enhance interface quality, break secondary emulsions
ULTROIL® EB 2020	EO/PO Copolymer	Enhance interface quality, break secondary emulsions
ULTROIL® EB 2030	EO/PO Copolymer	Enhance interface quality, break secondary emulsions
ULTROIL® EB 3010	EO/PO Copolymer	Boost the water quality and the speed of water drop
ULTROIL® EB 3020	EO/PO Copolymer	Boost the water quality and the speed of water drop
ULTROIL® EB 4050	EO/PO Copolymer	Induces flocculation of fine emulsion droplets

PRIMARY CORROSION INHIBITOR

SURFONIC® OFC 100	Imidazoline	Film-forming corrosion inhibitor for sour (H ₂ S) and sweet (CO ₂) streams
SURFONIC® OFC 103	Ethoxylated imidazoline	Film-forming corrosion inhibitor for sour (H ₂ S) and sweet (CO ₂) streams

SECONDARY CORROSION INHIBITOR

ULTROIL® CI 1020	Ethoxylated cocoamine	Film-forming corrosion inhibitor booster
ULTROIL® CI 1050	Ethoxylated cocoamine	Film-forming corrosion inhibitor booster
ULTROIL® CI 2020	Ethoxylated tallow amine	Film-forming corrosion inhibitor booster
ULTROIL® CI 2050	Ethoxylated tallow amine	Film-forming corrosion inhibitor booster
ULTROIL® CI 2080	Ethoxylated tallow amine	Film-forming corrosion inhibitor booster
ULTROIL® CI 2100	Ethoxylated tallow amine	Film-forming corrosion inhibitor booster

SOLUTION	DESCRIPTION	FEATURES AND BENEFITS
----------	-------------	-----------------------

SECONDARY CORROSION INHIBITOR

ULTROIL® CI 2120	Ethoxylated tallow amine	Film-forming corrosion inhibitor booster
ULTROIL® CI 2150	Ethoxylated tallow amine	Film-forming corrosion inhibitor booster
ULTROIL® CI 2200	Ethoxylated tallow amine	Film-forming corrosion inhibitor booster
ULTROIL® CI 3050	Alkoxyated tallow diamine	Film-forming corrosion inhibitor booster
ULTROIL® CI 3055	Alkoxyated tallow diamine	Oil soluble film-forming corrosion inhibitor booster
ULTROIL® CI 3100	Alkoxyated tallow diamine	Film-forming corrosion inhibitor booster
ULTROIL® CI 3150	Alkoxyated tallow diamine	Film-forming corrosion inhibitor booster
ULTROIL® CI 5040	Phosphate ester	Film-forming corrosion inhibitor booster
ULTROIL® CI 5095	Phosphate ester	Film-forming corrosion inhibitor booster

SPECIALIZED SOLVENTS

SURFONIC® L Series	Alkoxyated alcohol	Formulation aid with excellent solubility and detergency properties
ULTROIL® HFS 135	Aromatic-free organic solvent	Water soluble and non-flammable solvent

DEFOAMERS

SURFONIC® POA Series ULTRARIC® PE Series	EO/PO Copolymer	Foam control for produced fluids
ULTRARIC® LF Series	Alkoxyated alcohol	Foam control for produced fluids

LIQUID FOAMERS

ALKOPON® Series	Sodium lauryl sulfates	General foamer for gas-lift operations
ULTROIL® FW 2050	Lauryl Sultaine	High performance foamers for high pH and temperature conditions

HYDRATE INHIBITOR

MEG	Monoethylene glycol	Kinetic Hydrate Inhibitor
SURFONIC® OFH Series	Proprietary Formulation	Kinetic Hydrate Inhibitor

PARAFFIN CONTROL

SURFONIC® OFP Series	Copolymers	Pour point depressants for waxy crude oil
ULTRAMINA® TA Series	Ethoxylated tallow amine	Paraffin control booster

ASPHALTENE CONTROL

SURFONIC® OFA Series	Copolymers	Decrease viscosity of heavy crudes and asphaltene dispersant
-----------------------------	------------	--



DISCLAIMER

This information is provided in good faith, based on Indorama Ventures current knowledge of the subject and is purely indicative. No information, including suggestions for using the products, should preclude experimental testing and verification, which are essential to ensuring the suitability of the products for each specific application. Consult the contact from your region or country regarding the availability of each product. All users must also respect local laws and obtain all the necessary permits. When handling the product, consult the safety data sheet. If you have any questions or additional needs, please contact Indorama Ventures through our customer service channels. September/24.