

Production Chemical Product Portfolio



PRODUCT NAME	REFERENCE	DESCRIPTION	SWD	COMPLETION	PRODUCTION	WORKOVER
ACID						
StimSafe®	HCL Acid Replacement	Environmentally friendly, non-toxic 100% biodegradable acid replacement used to dissolve acid soluble materials downhole and in surface equipment.	✓	✓	✓	✓
StimSafe® 50 Acid Replacement System	15% HCL Replacement	Environmentally friendly alternative acid treatment system to effectively attack scale and mineral build-up.	✓	✓	✓	✓
BIOCIDE						
AQUCAR™ 714	14:2.5 Glut/Quat Blend	Water treatment biocides used as a fast-acting anti-microbial agent. Ideal to for aerobes, bacteria, SRB, and APB, algae, and yeasts. Completely miscible with water and easily dispersed.	✓	✓	✓	✓
AQUCAR GA 25	25% Glutaraldehyde	Fast-acting water treatment biocides which are highly effective against aerobes, SRBs, APBs. Consumed by FeS; Reduced efficacy at high temperatures.	✓	✓	✓	✓
AQUCAR GA 50	50% Glutaraldehyde		✓	✓	✓	✓
AQUCAR™ DB 20	20% DBNPA	Water treatment microbiocide that provide fast-acting broad spectrum control of bacteria, fungi, yeast, and algae. Rapid decomposition. Boiling Point: > 70°C.	✓	✓	✓	✓
AQUCAR™DB 100	100% DBNPA	Fast-acting, non-oxidizing biocide. This product has outstanding environmental properties because it is non-persistent and degrades to naturally-occurring products. DBNPA offers efficient, cost-effective microbiological control at low use concentrations. It provides broad-spectrum control of bacteria, fungi, yeast, and algae. Rapid decomposition. Boiling Point: > 70°C.	✓	✓	✓	✓
AQUCAR™ PS 20	20% THPS	Broad-spectrum biocide developed to inhibit the growth of algae, bacteria, yeasts, and fungi. Effective in both acid and alkaline environments. It is especially effective against sulfate-reducing bacteria (SRB) which are particularly troublesome in enhanced oil recovery operations. Completely miscible with water and easily dispersed.	✓	✓	✓	✓
AQUCAR™ THPS 75	75% THPS	Microbiocide that is a 76.5% aqueous solution of tetrakis (hydroxymethyl) phosphonium sulfate. This product is a broad-spectrum biocide developed to inhibit the growth of algae, bacteria, yeasts, and fungi in process waters used in various applications.	✓	✓	✓	✓
AMA 324	24% Dazomet	Caustic-based, broad-spectrum biocide that releases thiocyanates and carbamates for slow kills, begins to degrade at high-temp, toxic by-product of decomposition. Loading 0.5 gpt.	✓	✓	✓	✓
Maquat 750-M	Quat Blend	Water treatment microbiocide aids in the control of bacterial, fungal, and algal slimes.	✓	✓	✓	✓

PRODUCTION CHEMICAL PRODUCT PORTFOLIO

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BIOCIDE CONTINUED						
B 1203	Glutaraldehyde and Quaternary	Water/ethanol based solution specifically designed and optimized for control of sulfate-reducing bacteria (SRB) that contribute to souring, the production of sulfide, and abiotic corrosion in oil field and cooling water systems, gas production and transmission pipelines and systems. Fast-acting anti-microbial agent ideal for aerobes, SRB, and APB. Completely miscible with water and easily dispersed.	✓	✓	✓	✓
Maquat 25:12		Synergistic blend of glutaraldehyde and quaternary ammonium chlorides (QAC's) in a water/ethanol solution. This product is specifically designed and optimized for control of sulfate-reducing bacteria (SRB) that contribute to souring, production of sulfide, and abiotic corrosion in oil field, cooling water systems, gas production, and transmission pipelines, and systems. The combination has been shown to be more effective in controlling sulfate-reducing bacteria than the individual components alone allows for an overall reduction in biocide use, reducing environmental impact while achieving increased production throughput with overall biocide use cost reduction.	✓	✓	✓	✓
PeraClean™ 5	Peracetic Acid /Hydrogen Peroxide Solution	A 5% peracetic acid/26.5% hydrogen peroxide solution used as a biocide to control microbial induced corrosion in down hole and surface equipment. This product may also be utilized in SWD for iron and bacteria control.	✓	✓		
PeraClean™ 15		A 15% peracetic acid/22% hydrogen peroxide solution used as a biocide to control microbial induced corrosion in down hole and surface equipment. This product may also be utilized in SWD for iron and bacteria control.	✓	✓		
CLAY CONTROL						
ClayBrake™ 320	Proprietary	Proprietary blended clay stabilizer designed to prevent swelling and migration of clay platelets and silica fines that may impede production.		✓		✓
CORROSION INHIBITORS						
CorHib™ 5000 Series	Oil-Soluble Corrosion Inhibitors	Series of oil soluble to oil soluble/highly water dispersible corrosion inhibitors for wells with high to low water cuts. Formulations are available for high velocity, high CO₂, sour, and oxygen contaminated applications. Products are available for truck treating applications.				
CorHib™ 5001	Dimer/ Imidazoline	Oil-soluble, slightly water/brine dispersible filming amine corrosion inhibitor with an excellent film persistency. This product is for sour service and batch treating.	✓		✓	
CorHib™ 5002	Dimer/ Imidazoline	Oil-soluble, water dispersible filmer for use in highly-fouled systems. This product is an excellent biofilm penetration and promotes a surface that resists adhesion of biofilm, iron sulfide, scale. It is also oxygen tolerant and prevents under deposit corrosion.	✓		✓	✓
CorHib™ 5003	Imidazoline	Oil-soluble/brine dispersible corrosion inhibitor that is suitable for truck treating and continuous applications. Suitable for sweet, sour, and high oxygen systems and for high-fouled systems.	✓		✓	
CorHib™ 5004			✓		✓	
CorHib™ 5005	Dimer/ Imidazoline	Concentrated water-dispersible inhibitor that exhibits anti-fouling properties with excellent persistency that is used to control CO ₂ and H ₂ S especially in systems contaminated with oxygen, treated surfaces resistant to adhesion of solids including iron sulfide, bacteria and carbonate scales.	✓		✓	
CorHib™ 5500 Series	Water Soluble Corrosion Inhibitor Formulations	Series of water soluble/oil dispersible corrosion inhibitors for wells with high water cut. Formulations are available for high velocity, high CO₂, sour, and oxygen contaminated applications. Products are available for truck treating and continuous feed applications.				

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CORROSION INHIBITORS CONTINUED							
CorHib™ 5503	Water Soluble Corrosion Inhibitor	Water-soluble, oxygen tolerant corrosion inhibitor that is suitable for sweet and sour service and excellent for drying conditions, such as gaslift.	✓		✓		
CorHib™ 5501	Quat Mixture	Water-soluble corrosion inhibitor that is suitable for high-velocity applications, gas wells, pipeline, and water injection. This product is suitable for sweet CO ₂ corrosion.	✓		✓		
CorHib™ 5502		Oil dispersible corrosion inhibitor that is highly water dispersible designed for sour service. This product is oxygen tolerant.	✓		✓		
CorHib™ 5504		Excellent film former corrosion inhibitor designed to penetrate biomass to promote a surface that resists fouling by bacteria, iron sulfide, scale. This product is water/brine soluble and dispersible in oil. Intended for high water cut systems and suitable for continuous or batch treatments. It is recommended for high fouling systems.	✓		✓		
CorHib™ 5506		Oil and brine dispersible corrosion inhibitors that is suitable for sweet and sour and excellent for drying conditions.	✓		✓		
CorHib™ 5507			✓		✓		
CorHib™ 5508		Filming amine corrosion inhibitor that is primarily used for downhole corrosion inhibition in either sweet or sour environments, continuous treatment, where mild to moderate corrosion is expected. This product provides very high water dispersability and outstanding solids control capabilities.	✓		✓		
CorHib™ 5505		Imidazoline	Series of effective organic corrosion inhibitors that exhibits a high degree of interfacial activity to reduce plugging of surface filters. This product contains a solids control capability and may be used as an effective surfactant in oil well cleanups and in de-oiling solids. Product selection is determined through laboratory testing.	✓		✓	
CorHib™ 5510				✓		✓	
CI-600	Acid Corrosion Inhibitor	Series of highly-effective broad spectrum acid corrosion inhibitors designed for use in well acidizing, acid fracturing, and industrial cleaning operations. For use in hydrochloric acid, hydrofluoric acid, HCl/HF mud acids, and organic acids. These inhibitors provide excellent corrosion protection of surface and downhole tubular goods and associated equipment and effective at temperatures up to 350° F.	✓	✓		✓	
CI-610			✓	✓		✓	
COMBO CORROSION/SCALE INHIBITORS							
COMBO 7500 Series	Water-Soluble Combination Corrosion/Scale inhibitor	Series of water-soluble combination corrosion/scale inhibitors for wells with high water cut. Formulations are available for high velocity, high CO ₂ , sour, and oxygen contaminated applications. Products are available for continuous feed applications. Product selection is determined through a series of emulsion tendency, dispersibility and product performance testing.					
COMBO 7501	Quat/ Phosphonate	These combination water soluble corrosion/scale inhibitor formulations are used primarily via continuous application either down hole or in surface equipment for the prevention of corrosion attack and scale deposition.	✓		✓		
COMBO 7502			✓		✓		
COMBO 7504			✓		✓		
EMULSION BREAKERS							
EB 3000 Series	Emulsion Breaker	Series of demulsifiers designed to break oil in water emulsions.					
EB 3001	Emulsion Breaker	This series of demulsifiers are formulated to assist with basin specific problems. Product selection is determined through a series of bottle tests at various treating ratios to determine product with best overall performance in water drop, water clarity, oil brightness and clean interface.	✓	✓	✓	✓	
EB 3002			✓	✓	✓	✓	
EB 3003			✓	✓	✓	✓	
EB 3004			✓	✓	✓	✓	
EB 3005			✓	✓	✓	✓	

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EMULSION BREAKERS CONTINUED						
EB 3006	Emulsion Breaker	This series of demulsifiers are formulated to assist with basin specific problems. Product selection is determined through a series of bottle tests at various treating ratios to determine product with best overall performance in water drop, water clarity, oil brightness and clean interface.	✓	✓	✓	✓
EB 3007			✓	✓	✓	✓
EB 3008			✓	✓	✓	✓
EB 3010			✓	✓	✓	✓
EB 3011			✓	✓	✓	✓
EB 3012			✓	✓	✓	✓
EB 3009			✓	✓	✓	✓
EB 3100 Series	Slugging/ Tank Bottom Compound	Series of highly active demulsifier/solids control compounds specifically designed to eliminate stable water in oil emulsions and solids induced emulsions in tank battery systems, frac tanks, etc.				
EB 3137	Slugging/ Tank Bottom Compound	Series of demulsifiers/solids control compounds are formulated for basin-specific problems. Product selection is determined through a series of bottle tests at various treating ratios to determine product with best overall performance in water drop, water clarity, oil brightness, and clean interface.	✓		✓	✓
EB 3138			✓		✓	✓
EB 3139			✓		✓	✓
EB 3140			✓		✓	✓
FOAMERS						
FoamLift™ 2000 Series	Anionic and Amphoteric Foamers	Series of anionic and amphoteric foaming agents specifically designed for deliquidification in low-pressure gas wells that are condensate tolerant and thermally stable. Formulations are also available with scale and corrosion inhibitor added, as well as capillary certified, if required.				
FoamLift™ 2003	AOS Base	Series of AOS-based foamers specifically designed for deliquidification in low-pressure gas wells that are condensate tolerant and thermally stable. These products are high-temperature stable > 200°F.		✓	✓	✓
FoamLift™ 2006				✓	✓	✓
FoamLift™ 2007				✓	✓	✓
FoamLift™ 2004	AOS / Amphoteric Base	Winterized and heavily winterized AOS / amphoteric base foamers specifically designed for high-temperature stability > 200°F.		✓	✓	✓
FoamLift™ 2008				✓	✓	✓
FoamLift™ 2009	AOS / Amphoteric Base w/ Cl, SI	AOS / amphoteric base foamer that includes a corrosion & scale inhibitor that specifically designed for high-temperature stability > 200°F.		✓	✓	✓
FoamLift™ 2005	AES Base	AES-based defoamer that is heavily winterized and specifically designed for low-temperature stability < 200°F.		✓	✓	✓
FoamLift™ 2010	Amphoteric Base	Series of Amphoteric-based foamers that are designed for high-temperature stability of > 200°F. Product selection is determined by laboratory testing.		✓	✓	✓
FoamLift™ 2013				✓	✓	✓
FoamLift™ 2011	Amphoteric Base w/ Cl, SI	Series of Amphoteric-based, heavily winterized foamers that include both corrosion and scale inhibitors designed for high-temperature stability of > 200°F. Product selection is determined by laboratory testing.		✓	✓	✓
FoamLift™ 2012				✓	✓	✓
DEFOAMERS						
Defoamer Series	Defoamers	Series of defoamers applicable in both oil and water foams which can be applied during stimulation, down hole and surface applications.				
DeFoam 9007	Alcohol/ Demulsifier Combination Anti-foamer	Water-soluble formulation designed to knock down foam in treating vessels and other applications where foaming is undesirable.		✓	✓	✓
DF-2510	Oil Soluble	Oil-soluble defoamer designed to knock down foam in treating vessels and other applications where foaming is undesirable.		✓	✓	✓
DF-2590	Water Soluble/ Highly Oil Dispersible	Water-soluble defoamer designed to knock down foam in treating vessels and other applications where foaming is undesirable. Also, this product is designed for high volume flowback operations where produced oil is in a high shear situation.		✓	✓	✓

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PARAFFIN INHIBITORS								
ParaHib™ 8000 Series	Paraffin inhibitor/ Asphaltene/ Dispersants	Series of paraffin inhibitor/dispersant formulations to prevent wax deposition.						
ParaHib™ 8001	Paraffin Dispersant	Paraffin dispersant designed to be injected continuously at various rates to control paraffin precipitation and improve the flow ability of the crude. For use as continuously injected into flow lines at the wellhead, oil-gathering systems, and pipelines and down hole in producing wells.			✓	✓		
ParaHib™ 8002	Paraffin Inhibitor	Series of paraffin inhibitors designed to prevent the growth of paraffin crystals into heavy insoluble deposits. These inhibitors are used improve the handling of heavy fuels by lowering the pour point and improving the cold flow properties.			✓	✓		
ParaHib™ 8003					✓	✓		
ParaHib™ 8007					✓	✓		
ParaHib™ 8019 Capstring certified					✓	✓		
ParaHib™ 8020 Capstring certified					✓	✓		
ParaHib™ 8021 Capstring certified					✓	✓		
ParaHib™ 8024				Product selection is performed through a series of laboratory studies including pour point and cold finger testing. Products are formulated in diesel for use in gas lift and capillary applications.			✓	✓
ParaHib™ 8006	Paraffin Dispersant/ Hot Oil Compound	Paraffin dispersant compound designed for use during hot oil treatments to assist with keeping wax dispersed into the oil phase and to prevent wax build-up in flow lines and tank bottoms.			✓	✓		
ParaHib™ 8009	Paraffin Inhibitor/ Dispersant	Series of paraffin inhibitors designed to prevent the growth of paraffin crystals into heavy insoluble deposits. These inhibitors are used improve the handling of heavy fuels by lowering the pour point and improving the cold flow properties.			✓	✓		
ParaHib™ 8010					✓	✓		
ParaHib™ 8011					✓	✓		
ParaHib™ 8012					✓	✓		
ParaHib™ 8014				Paraffin remains dispersed in the oil and is prevented from accumulating as a heavy sludge in producing wells, treating vessels, or storage tanks. These products also incorporate a paraffin dispersant to assist in removing any deposited wax crystals throughout the system.			✓	✓
ParaHib™ 8015							✓	✓
ParaHib™ 8016							✓	✓
ParaHib™ 8017							✓	✓
ParaHib™ 8023 Capstring certified	Paraffin Inhibitor/ Asphaltene Dispersant	Product selection is performed through a series of laboratory studies including pour point and cold finger testing. Products are formulated in diesel for use in gas lift and capillary applications.			✓	✓		
ParaHib™ 8018 Capstring certified		Series of paraffin inhibitors designed to prevent the growth of paraffin crystals into heavy insoluble deposits. These inhibitors are used improve the handling of heavy fuels by lowering the pour point and improving the cold flow properties.			✓	✓		
ParaHib™ 8022	Combo Paraffin Inhibitor/ Dispersant in Diesel	Paraffin remains dispersed in the oil and is prevented from accumulating as a heavy sludge in producing wells, treating vessels, or storage tanks. These products also incorporate a paraffin dispersant to assist in removing any deposited wax crystals throughout the system.			✓	✓		
ParaHib™ 8025		Product selection is performed through a series of laboratory studies including pour point and cold finger testing. Products are formulated in diesel for use in gaslift and capillary applications.			✓	✓		
ParaHib™ 8100	Paraffin Inhibitor Activator	Paraffin inhibitor activator specifically designed for squeeze applications.			✓	✓		

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PARAFFIN INHIBITORS CONTINUED						
ParaProp™ 1500	Solid Paraffin Inhibitor	Series of solid paraffin inhibitors designed to be added with proppant. Product selection is based on laboratory testing.		✓		✓
ParaProp™ 1550	Solid Paraffin Inhibitor			✓		✓
ParaBlok™	Paraffin Inhibitor/ Diverting Agent	Diverting agent in the form of solid beads used in well workover operations. These beads are soluble in hydrocarbons and once dissolved acts an excellent paraffin inhibitor.		✓		✓
WaxSolve™ 8500 Series	Paraffin/ Asphaltene Solvents	Series of paraffin and asphaltene solvents designed for continuous or batch applications for the removal of deposited wax and asphaltene.				
WaxSolve™ 8500	Paraffin Solvent/ Emulsion Breaker	Series of paraffin solvents that are specifically used in paraffin cleanouts, but also contains an emulsion breaker and paraffin dispersant to prevent paraffin stabilized emulsions in surface equipment.			✓	✓
WaxSolve™ 8501					✓	✓
WaxSolve™ 8502						✓
WaxSolve™ 8503	Paraffin Solvent	Paraffin solvent compounds designed to break down deposited wax in flow lines, surface equipment, and tank bottoms. Product selection is performed through a series of paraffin solvency bottle testing at various treating ratios.			✓	✓
WaxSolve™ 8504					✓	✓
WaxSolve™ 8510 <i>Capstring certified</i>						✓
WaxSolve™ 8505	Solvent/ Dispersant Combination	Solvent / dispersant combination solution that is used to dissolve paraffin deposits and disperse paraffin.			✓	✓
WaxSolve™ 8506	Green Paraffin Solvent/ Dispersant Combination	“Green” paraffin solvent dispersant combination used for removing wax deposits and to prevent wax deposition.			✓	✓
WaxSolve™ 8507	Paraffin Inhibitor/Solvent	Wax crystal modifier in solvent solution designed to break down wax crystals and inhibit re-distribution after heating above cloud point.			✓	✓
WaxSolve™ 8508	Dispersant/ Solvent	Oil soluble paraffin dispersant/solvent solution that is used in batch application and hot oiling.			✓	✓
WaxSolve™ 8509	Hot Water Dispersant	Water-soluble paraffin dispersant solution used during hot oil treatments to assist with keeping wax dispersed into the oil phase and to prevent wax build-up in flow lines and tank bottoms.			✓	✓
WaxSolve™ 8511	Solvent/ Emulsion Breaker	Combination paraffin solvent / emulsion breaker solution used as a slugging / slop oil compound to clean up solids induced emulsion in tank bottoms and frac tanks.			✓	✓
SCALE INHIBITORS						
ScaleCease™ 7000 Series	Scale Inhibitors	Series of neutralized and non-neutralized scale inhibition products designed for use during well stimulation, squeeze or continuous application. Products may also be applied in water systems such as SWD and water flood injections.				
ScaleCease™ 7002	Combo Polymer & Amino Phosphonate - Neutralized; non-winterized	Polymer and amino phosphonate combination scale inhibitor that is specifically for squeeze applications in carbonate reservoirs.	✓	✓	✓	✓
ScaleCease™ 7003	Hydroxy Amine Phosphonate - Neutralized; Winterized	Partially neutralized phosphonate with excellent iron tolerant properties for use in high iron waters.	✓	✓	✓	✓
ScaleCease™ 7006	Tagged Polymeric; Partially Neutralized; Non-Winterized	Polymeric scale inhibitors that were primarily designed for use in squeeze applications and integrated stimulation operations to control scale. Product selection is determined in laboratory testing.	✓	✓	✓	✓

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SCALE INHIBITORS CONTINUED						
ScaleCease™ 7007	Polymeric Scale Inhibitor; Neutralized; Non-Winterized	Polymeric scale inhibitors that were primarily designed for use in squeeze applications and integrated stimulation operations to control scale. Product selection is determined in laboratory testing.	✓	✓	✓	✓
ScaleCease™ 7008	BHMT Chelant Solution. Non-Neutralized; Non-winterized	Metal chelant scale inhibitor specifically used in high-brine with iron waters.	✓	✓	✓	✓
ScaleCease™ 7010T	Tagged Co-Polymer. Neutralized; Winterized	Copolymer, tagged scale inhibitor that is used for detection using a field test kit. This product is specifically designed for squeeze application and integrated stimulation treatments.	✓	✓	✓	✓
ScaleCease™ 7012	High Calcium Tolerant Phosphonate. Neutralized; Non-Winterized	Non-winterized scale inhibitor that is primarily intended for calcium carbonate inhibition.	✓	✓	✓	✓
ScaleCease™ 7013	Ether Amine Phosphonate. Non-Neutralized; Non-Winterized	Series of highly-effective, non-winterized & winterized scale inhibitors designed for treating carbonate and sulfate scales, especially effective against iron scales. This product is thermally stable upto 300°F.	✓	✓	✓	✓
ScaleCease™ 7013W	Ether Amine Phosphonate. Partially-Neutralized; Winterized		✓	✓	✓	✓
ScaleCease™ 7001	BHMT Phosphonate - Concentrate. Neutralized; Non-Winterized	Series of non-winterized broad range amino phosphonate scale inhibitor designed for treating carbonate and sulfate scales in batch and continuous applications. Product selection of the BHMT phosphonates is determined through laboratory testing.	✓	✓	✓	✓
ScaleCease™ 7011	BHMT Phosphonate - Neutralized; Non-Winterized		✓	✓	✓	✓
ScaleCease™ 7014	BHMT Phosphonate - Neutralized - Concentrate; Non-Winterized		✓	✓	✓	✓
ScaleCease™ 7015	BHMT Phosphonate - Concentrate; Non-Neutralized; Non-Winterized		✓	✓	✓	✓
ScaleCease™ 7016	BHMT Phosphonate - Neutralized; Non-Winterized		✓	✓	✓	✓
ScaleCease™ 7004	Deta Phosphonate-Partially-Neutralized; Non-Winterized		Combination of two amino phosphonates used in squeeze, batch, and continuous applications to control sulfate scales including barium, strontium and sulfate in extreme temperature & pH conditions.	✓	✓	✓
ScaleCease™ 7005		Non-winterized scale inhibitor designed to control sulfate scales including barium, strontium, and sulfate in extreme temperature & pH conditions.	✓	✓	✓	✓
ScaleCease™ 7009		Winterized scale inhibitor designed to control sulfate scales including barium, strontium, and sulfate in extreme temperature & pH conditions.	✓	✓	✓	✓
ScaleCease™ 7017W	Deta Phosphonate. Non-Neutralized; Winterized	Winterized scale inhibitor designed to control sulfate scales including barium, strontium, and sulfate in extreme temperature & pH conditions.	✓	✓	✓	✓

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SCALE INHIBITORS CONTINUED						
ScaleCease™ 7021	Deta Phosphonate-Partially-Neutralized; Non-Winterized	Non-winterized scale inhibitor designed to control calcium carbonate, calcium sulfate, and barium sulfate. This product is soluble in fresh water and high TDS brine.	✓	✓	✓	✓
SCAVENGERS, CONTROL, INHIBITORS						
SulfaScav™ 6000 Series	H ₂ S Scavenger/Oxygen Scavengers	Series of oil and water soluble triazine formulations specifically designed for use in tower or continuous applications to scavenge H ₂ S from liquid and gas streams.				
SulfaScav™ 6000	Triazine Mixture	Triazine based H ₂ S scavenger that is suitable for contact tower and continuous treatment applications.	✓		✓	
SulfaScav™ 6001	H ₂ S Scavenger/Solids Control	A 48% active triazine-based H ₂ S Scavenger that includes a solids control compound.	✓		✓	
SulfaScav™ 6010		A 42% active triazine-based H ₂ S scavenger that includes a solids control compound. To determine the most effective production, selection should be determined by dynamic tube block testing.	✓		✓	
SulfaScav™ 6011			✓		✓	
SulfaScav™ 6012			✓		✓	
SulfaScav™ 6002	H ₂ S Scavenger	A 42% active triazine-based H ₂ S scavenger.	✓		✓	
SulfaScav™ 6013		Oil-soluble gas sweetener.	✓		✓	
OxyScav™ 6500	Oxygen Scavenger	Series of metal-catalyzed oxygen scavengers specifically designed for lower-temperature conditions to remove oxygen.				✓
OxyScav™ 6501						✓
WATER CLARIFICATION						
StimClear™ 4000 Series	Cationic, Anionic and Nonionic Polymeric Water Clarifier/Coagulants	Series of water clarification formulations used to coagulate oil and solids in water separation equipment. These formulations consist of cationic, anionic, and non-ionic low, med, and high molecular weight coagulants, flocculant, and clarifiers. Product selection is based on field bottle testing.	✓		✓	
WETTERS AND CLEANERS						
StimSurf™ 9000 Series	Surfactants/Iron Control	Series of water wetting agents, acid surfactants, and iron control products. Products are specifically designed for stimulation or production phases of life-of well. Products can be used in SWD and water flood injection applications.				
StimSurf™ 9002	Iron Sulfide Scavenger	THPS & surfactant-based formulation designed to control iron sulfide both down hole and in surface equipment.	✓	✓	✓	✓
StimSurf™ 9005	Acid Surfactant	Acid surfactant formulation used to de-oil solids, formation face, and to dissolve acid soluble scales.	✓	✓	✓	✓
StimSurf™ 9006	Blended Acid Surfactant	Blended glacial acetic thioglycolic acid / surfactant formulation that is used to de-oil solids, formation face, and to dissolve acid soluble scales.	✓	✓	✓	✓
StimSurf™ 9010	Blended Acid Surfactant	Blended glacial acetic and thioglycolic acid solution specifically designed to dissolve acid soluble materials.	✓	✓	✓	✓
StimSurf™ 9004	Water Wetting Compound	Water-wetting compound used to de-oil solids, formation face clean-up or stimulation purposes. Also, this product can be used as an micelle-additive in acidizing applications.	✓	✓	✓	✓
StimSurf™ 9007		Series of water-wetting compounds specifically designed to de-oil solids and formation face for clean-up or stimulation purposes.	✓	✓	✓	✓
StimSurf™ 9011			✓	✓	✓	✓
StimSurf™ 9015			✓	✓	✓	✓
StimSurf™ 9008		Concentrated water-wetting solution specifically designed to de-oil solids and formation face for clean-up or stimulation purposes.	✓	✓	✓	✓
StimSurf™ 9012	Sulfuric Acid Soap	Sulfuric acid soap that is used to de-oil solids, formation face and dissolve acid soluble scales.	✓	✓	✓	✓

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WETTERS AND CLEANERS CONTINUED						
StimSurf™ 9014	Micelle Cleaning Agent	Micelle cleaning solution specifically used to de-oil solids and formation face for clean-up or stimulation purposes. It can be used in acidizing applications.	✓	✓	✓	✓
StimSurf™ 9016	Acid Blend	Blend of 35% HCL and glacial acetic acid specifically designed to dissolve acid soluble materials.	✓	✓	✓	✓
StimSurf™ 9017	Scale Dissolver	Inorganic acid solution specifically designed to remove carbonate, sulfide, and oxide scale accumulations in producing, injection, and disposal wells. This product will not harm chrome or stainless steels. It is proven to increase oil production, lowers injection pressures. Non-emulsifying.	✓	✓	✓	✓
StimSurf™ 9018	Solids Control / Iron Dissolver	Blend of THPS, nonionic surfactant, dispersant, and demulsifier additives designed for use down hole and surface equipment clean-up of iron sulfide and associated emulsions.	✓	✓	✓	✓
SPECIALTY						
PackerHib™ 9003	Aqueous-Blended Packer Fluid with Cl & O ₂ Scavenger	Ready-to-use packer fluid that contains corrosion inhibitor and oxygen Scavenger. Also can be used as a standalone corrosion inhibitor for high CO ₂ and H ₂ S environments.		✓		✓
PackerHib™ 9003W	Winterized Aqueous-Blend Packer Fluid with Cl & O ₂ scavenger.	Winterized ready-to-use packer fluid that contains a corrosion inhibitor and oxygen Scavenger. Also can be used as a standalone corrosion inhibitor for high CO ₂ and H ₂ S environments.		✓		✓
PackerHib™ 9012	Aqueous Blend Packer Fluid with Cl, Triazine & O ₂ Scavenger.	Ready-to-use packer fluid that contains corrosion inhibitor, H ₂ S scavenger & oxygen scavenger. This product is also used as a stand alone Cl for high CO ₂ and H ₂ S environments.		✓		✓
PumpFlush™ 9008	Environmentally Safe Cleaner / Diesel Replacement	Environmentally safe non-BTEX cleaner designed as a replacement for diesel and used to flush hoses and lines. This product is dyed blue for easy visibility — high flash with excellent detergency. Will not harm pumps and seals.	✓	✓	✓	✓

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