WDTN 28 Well Pad Drilling Fluid Additives

Ingredients	Chemical Abstract Service Number (CAS #)	Weight %
Water	7732-18-5	100
Foamer(s)		
Ammonium C6-10-alkyl polyoxyethylene sulfate	68037-05-8	10 - < 20
Diethylene Glycol Monobutyl Ether	112-34-5	10 - < 20
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(hexyloxy)-, ammonium salt	63428-86-4	10 - < 20
Ammonium Cumene Sulfonate	37475-88-0	3 - < 5
Sulfonic Acids, C14-16- Alkane Hydroxy and C14-16-Alkene, Sodium Salts	68439-57-6	1 - < 3
2-Butoxyethanol	111-76-2	5-10
Ammonium Laureth Sulfate	32612-48-9	90-95%
Sodium Lauryl Sulfate	151-21-3	
Alpha Olefim Sulfonate	68439-57-6	
Defoamer		
Hydrophobic Silica	67762-90-7	<10
Distillates (petroleum) Hydrotreated Light Napthenic	64742-53-6	60-80
Corrosion Inhibitor		
Polyphosphoric acid, triethanolamine ester, sodium salt	68131-72-6	1-5
Tripotassium Phosphate	7778-53-2	1-5
Base Synthetic Oil		
Distillates (petroleum), hydrotreated light	64742-47-8	100
Barite		
Barium sulfate	7727-43-7	84-98
Silica, quartz	14808-60-7	1-5
Calcium carbonate	471-34-1	1-5
Clay	1332-58-7	.1-6
Organophilic Clay		
Quaternary Ammonium Compd.,benzylbis(hydrogenated Tallow Alkyl)methyl, Salt With Bentonite	68153-30-0	97 - 100
Quartz	14808-60-7	< 3
Lime		
Calcium hydroxide	1305-62-0	>85
Silica, quartz	14808-60-7	<0.1
Emulsifier		
Mixture of Fatty acids, tall oil	61790-12-3	10-50
Distillates (petroleum), hydrotreated light	64742-47-8	10-50
Fatty Amine	61791-26-2	2-3
Blend of chemically modified tall oil derivative	68154,94-9	2-3
Diethanolamine	111-42-2	.25-.75
Calcium Chloride		
Calcium Chloride	10043-52-4	94-97
Potassium Chloride	7447-40-7	2-3
Sodium Chloride	7647-14-5	1-2
Wetting Agent		
Distillates (petroleum), hydrotreated middle	64742-46-7	30 - 60
Fluid Loss Control		
Gilsonite	012002-43-6	100

Prepared: October, 2026