



ACAA4 Pad Proposed Drilling Fluid Additives

Ingredients		Chemical Abstract Service Number (CAS #)
Water		7732-18-5
Foamer(s)		
	Ammonium C6-10-alkyl polyoxyethylene sulfate	68037-05-8
	Diethylene Glycol Monobutyl Ether	112-34-5
	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(hexyloxy)-, ammonium salt	63428-86-4
	Ammonium Cumene Sulfonate	37475-88-0
	Sulfonic Acids, C14-16- Alkane Hydroxy and C14-16-Alkene, Sodium Salts	68439-57-6
	2-Butoxyethanol	111-76-2
	Ammonium Laureth Sulfate	32612-48-9
	Sodium Lauryl Sulfate	151-21-3
	Alpha Olefin Sulfonate	68439-57-6
Defoamer		
	Hydrophobic Silica	67762-90-7
	Distillates (petroleum) Hydrotreated Light Napthenic	64742-53-6
Corrosion Inhibitor		
	Cocoyl Alkyl Amine Acetates	61791-15-9
	Polyphosphoric acid, triethanolamine ester, sodium salt	68131-72-6
	Tripotassium Phosphate	7778-53-2
Base Synthetic Oil		
	Distillates (petroleum), hydrotreated light	64742-47-8
Barite		
	Barium sulfate	7727-43-7
	Silica, quartz	14808-60-7
	Calcium carbonate	471-34-1
	Clay	1332-58-7
Organophilic Clay		
	Quaternary Ammonium Compd.,benzylbis(hydrogenated Tallow Alkyl)methyl, Salt With Bentonite	68153-30-0
	Quartz	14808-60-7
Lime		
	Calcium hydroxide	1305-62-0
	Silica, quartz	14808-60-7
	Calcium Oxide	1305-78-8
	Magnesium Oxide	1309-48-4
	Silicon Dioxide	7631-86-9
	Aluminum Oxide	1344-28-1
	Iron Oxide	1309-37-1
	Silica, quartz	14808-60-7
Emulsifier		
	Mixture of Fatty acids, tall oil	61790-12-3
	Distillates (petroleum), hydrotreated light	64742-47-8
	Fatty Amine	61791-26-2
	Blend of chemically modified tall oil derivative	68154,94-9
	Diethanolamine	111-42-2
Calcium Chloride		
	Calcium Chloride	10043-52-4
	Potassium Chloride	7447-40-7
	Sodium Chloride	7647-14-5
Wetting Agent		
	Distillates (petroleum), hydrotreated middle	64742-46-7
Fluid Loss Control		
	Gilsonite	012002-43-6