

## Trade Secret/CPI Chemical Codes

The following codes have been assigned by the organizations listed below for chemicals that they have registered with the PADEP Office of Oil & Gas Management as trade secret/confidential proprietary information pursuant to form 8000-FM-OOGM0132.

Revised 11/02/2017

ORGANIZATION_NAME	CLNT_ID	CHEMICAL CODE
BAKER HUGHES OILFIELD OPR INC	288675	BAKER HUGHES-ACRYLAMIDE MODIFIED POLYMER-006
BAKER HUGHES OILFIELD OPR INC	288675	BAKER HUGHES-FATTY ACIDS-003
BAKER HUGHES OILFIELD OPR INC	288675	BAKER HUGHES-MODIFIED CARBOXYLIC ACID SALT-001
BAKER HUGHES OILFIELD OPR INC	288675	BAKER HUGHES-OLEFIN-004
BAKER HUGHES OILFIELD OPR INC	288675	BAKER HUGHES-OXYALKYLATED ALCOHOL-007
BAKER HUGHES OILFIELD OPR INC	288675	BAKER HUGHES-PHOSPONATE SALT-002
BAKER HUGHES OILFIELD OPR INC	288675	BAKER HUGHES-POLYOXYALKYLENES-005
C&J ENER SVC	325131	CJENERGY-Acid-00010
C&J ENER SVC	325131	CJENERGY-Adehyde-00018
C&J ENER SVC	325131	CJENERGY-Amide-00030
C&J ENER SVC	325131	CJENERGY-Amine-00015
C&J ENER SVC	325131	CJENERGY-Amine-00023
C&J ENER SVC	325131	CJENERGY-Amine-00038
C&J ENER SVC	325131	CJENERGY-Clay-00031
C&J ENER SVC	325131	CJENERGY-Clay-00034
C&J ENER SVC	325131	CJENERGY-Enzyme-00019
C&J ENER SVC	325131	CJENERGY-Ethoxylate-00004
C&J ENER SVC	325131	CJENERGY-Ethoxylate-00016
C&J ENER SVC	325131	CJENERGY-Ethoxylate-00028
C&J ENER SVC	325131	CJENERGY-Ethoxylate-00035
C&J ENER SVC	325131	CJENERGY-Hydrocarbon-00005
C&J ENER SVC	325131	CJENERGY-Hydrocarbon-00013
C&J ENER SVC	325131	CJENERGY-Hydrocarbon-00014
C&J ENER SVC	325131	CJENERGY-Hydrocarbons-00017
C&J ENER SVC	325131	CJENERGY-Phosphate-00006
C&J ENER SVC	325131	CJENERGY-Phosphate-00040
C&J ENER SVC	325131	CJENERGY-Phosphonate-00039
C&J ENER SVC	325131	CJENERGY-Polymer-00002
C&J ENER SVC	325131	CJENERGY-Polymer-00003
C&J ENER SVC	325131	CJENERGY-Polymer-00009
C&J ENER SVC	325131	CJENERGY-Polymer-00011
C&J ENER SVC	325131	CJENERGY-Polymer-00021
C&J ENER SVC	325131	CJENERGY-Polymer-00024
C&J ENER SVC	325131	CJENERGY-Polymer-00027
C&J ENER SVC	325131	CJENERGY-Polymer-00029
C&J ENER SVC	325131	CJENERGY-Polymer-00041
C&J ENER SVC	325131	CJENERGY-Salt-00001
C&J ENER SVC	325131	CJENERGY-Salt-00012
C&J ENER SVC	325131	CJENERGY-Salt-00020

C&J ENER SVC	325131	CJENERGY-Salt-00022
C&J ENER SVC	325131	CJENERGY-Silica-00042
C&J ENER SVC	325131	CJENERGY-Solvent-00007
C&J ENER SVC	325131	CJENERGY-Solvent-00037
C&J ENER SVC	325131	CJENERGY-Sulfate-00008
C&J ENER SVC	325131	CJENERGY-Surfactant-00025
C&J ENER SVC	325131	CJENERGY-Surfactant-00026
C&J ENER SVC	325131	CJENERGY-Surfactant-00032
C&J ENER SVC	325131	CJENERGY-Surfactant-00033
C&J ENER SVC	325131	CJENERGY-Surfactant-00036
CALFRAC WELL SVCS CORP	276989	CWS-Alkyl Amine-00001
CALFRAC WELL SVCS CORP	276989	CWS-Alkyl Amine-00002
CALFRAC WELL SVCS CORP	276989	CWS-Alkyl Ester-00001
CALFRAC WELL SVCS CORP	276989	CWS-Alkyl Ester-00002
CALFRAC WELL SVCS CORP	276989	CWS-Alkyl Ester-00003
CALFRAC WELL SVCS CORP	276989	CWS-Alkyl Ketone-00001
CALFRAC WELL SVCS CORP	276989	CWS-Amine Salt-00001
CALFRAC WELL SVCS CORP	276989	CWS-Anionic Polymer-00001
CALFRAC WELL SVCS CORP	276989	CWS-Borate Salt #1-00002
CALFRAC WELL SVCS CORP	276989	CWS-Borate Salt #2-00002
CALFRAC WELL SVCS CORP	276989	CWS-Emulsifier-00001
CALFRAC WELL SVCS CORP	276989	CWS-Ethoxylated Alcohols-00001
CALFRAC WELL SVCS CORP	276989	CWS-Ethoxylated Alcohols-00003
CALFRAC WELL SVCS CORP	276989	CWS-Ethoxylated Alcohols-00004
CALFRAC WELL SVCS CORP	276989	CWS-Ethoxylated Alcohols-00005
CALFRAC WELL SVCS CORP	276989	CWS-Ethoxylated Nonyl Phenol-00001
CALFRAC WELL SVCS CORP	276989	CWS-Ethoxylated Phenolic Resin-00001
CALFRAC WELL SVCS CORP	276989	CWS-Ethoxylated Polyarylphenol-00001
CALFRAC WELL SVCS CORP	276989	CWS-Ethoxylated Alcohols-00002
CALFRAC WELL SVCS CORP	276989	CWS-Fatty Acid-00001
CALFRAC WELL SVCS CORP	276989	CWS-Glycol-00001
CALFRAC WELL SVCS CORP	276989	CWS-Glycol-00002
CALFRAC WELL SVCS CORP	276989	CWS-Glycol-00003
CALFRAC WELL SVCS CORP	276989	CWS-Inorganic Acid Salt-00001
CALFRAC WELL SVCS CORP	276989	CWS-Inorganic Acid Salt-00002
CALFRAC WELL SVCS CORP	276989	CWS-Inorganic Base-00001
CALFRAC WELL SVCS CORP	276989	CWS-Inorganic Base-00002
CALFRAC WELL SVCS CORP	276989	CWS-Inorganic Salt-00001
CALFRAC WELL SVCS CORP	276989	CWS-Isobutyl Ketone-00001
CALFRAC WELL SVCS CORP	276989	CWS-Linear Sulfonic Acid-00001
CALFRAC WELL SVCS CORP	276989	CWS-Oleamide-00001
CALFRAC WELL SVCS CORP	276989	CWS-Olefin-00001
CALFRAC WELL SVCS CORP	276989	CWS-Organic Acid Salt-00001
CALFRAC WELL SVCS CORP	276989	CWS-Organic Acid Salt-00002
CALFRAC WELL SVCS CORP	276989	CWS-Organic Acid Salt-00003
CALFRAC WELL SVCS CORP	276989	CWS-Organic Acid Salt-00004
CALFRAC WELL SVCS CORP	276989	CWS-Organic Acid Salt-00005

CALFRAC WELL SVCS CORP	276989	CWS-Organic Phosphonate-00001
CALFRAC WELL SVCS CORP	276989	CWS-Organic Phosphonate-00002
CALFRAC WELL SVCS CORP	276989	CWS-Organic Solvent-00001
CALFRAC WELL SVCS CORP	276989	CWS-Oxide Compound-00001
CALFRAC WELL SVCS CORP	276989	CWS-Oxide Compound-00002
CALFRAC WELL SVCS CORP	276989	CWS-Oxoalkyl Compounds-00001
CALFRAC WELL SVCS CORP	276989	CWS-Oxyalkylated Polyamine-00001
CALFRAC WELL SVCS CORP	276989	CWS-Polyethylene-00001
CALFRAC WELL SVCS CORP	276989	CWS-Proprietary Amine-00001
CALFRAC WELL SVCS CORP	276989	CWS-Proprietary Amine-00002
CALFRAC WELL SVCS CORP	276989	CWS-Proprietary Amine-00003
CALFRAC WELL SVCS CORP	276989	CWS-Proprietary Ethoxylated Alcohol-00001
CALFRAC WELL SVCS CORP	276989	CWS-Proprietary Polymer-00001
CALFRAC WELL SVCS CORP	276989	CWS-Proprietary Polymer-00002
CALFRAC WELL SVCS CORP	276989	CWS-Proprietary Polymer-00003
CALFRAC WELL SVCS CORP	276989	CWS-Proprietary Surfactant-00003
CALFRAC WELL SVCS CORP	276989	CWS-Substituted Ammonium Chloride-00002
CALFRAC WELL SVCS CORP	276989	CWS-Sulfonated Hydrocarbon-00001
CALFRAC WELL SVCS CORP	276989	CWS-Urea Derivative-00001
CALFRAC WELL SVCS CORP	276989	CWS-Urea Derivative-00002
CHEMPLEX SOLVAY GROUP	336720	Chemplex-Polymer-00019
CREOLE CHEM	331810	CREOLE-POLYETHER-00001
FLOTEK CHEM LLC	333042	Flotek-Amine-00010
FLOTEK CHEM LLC	333042	Flotek-Ethoxylated Alcohol-00003
FLOTEK CHEM LLC	333042	Flotek-Ethoxylated Alcohol-00004
FLOTEK CHEM LLC	333042	Flotek-Fatty acid methyl ester-00005
FLOTEK CHEM LLC	333042	Flotek-Hydrocarbons-00006
FLOTEK CHEM LLC	333042	Flotek-Nonionic Surfactant-00007
FLOTEK CHEM LLC	333042	Flotek-Nonionic Surfactant-00008
FLOTEK CHEM LLC	333042	Flotek-Nonionic Surfactant-00009
FLOTEK CHEM LLC	333042	Flotek-Polyacrylamide-00001
FLOTEK CHEM LLC	333042	Flotek-Polyacrylamide-00002
HALLIBURTON ENERGY SVC INC	25622	HESI-AcrylamideAcrylatePolymer-0009
HALLIBURTON ENERGY SVC INC	25622	HESI-Amide-0035
HALLIBURTON ENERGY SVC INC	25622	HESI-Amide-0036
HALLIBURTON ENERGY SVC INC	25622	HESI-Amine-0053
HALLIBURTON ENERGY SVC INC	25622	HESI-Aminesalts-0051
HALLIBURTON ENERGY SVC INC	25622	HESI-Aminesalts-0052
HALLIBURTON ENERGY SVC INC	25622	HESI-Ammoniumcompound-0047
HALLIBURTON ENERGY SVC INC	25622	HESI-Anionicsurfactant-0029
HALLIBURTON ENERGY SVC INC	25622	HESI-Anionicsurfactant-0030
HALLIBURTON ENERGY SVC INC	25622	HESI-Boratesalts-0055
HALLIBURTON ENERGY SVC INC	25622	HESI-Carbonhydrates-0028
HALLIBURTON ENERGY SVC INC	25622	HESI-Chlorinecompound-0048
HALLIBURTON ENERGY SVC INC	25622	HESI-Curedacrylicresin-0026
HALLIBURTON ENERGY SVC INC	25622	HESI-Curedacrylicresin-0045
HALLIBURTON ENERGY SVC INC	25622	HESI-Enzyme-0025

HALLIBURTON ENERGY SVC INC	25622	HESI-Ethoxyaltedalcohols-0034
HALLIBURTON ENERGY SVC INC	25622	HESI-EthoxylatedAlcohols-0006
HALLIBURTON ENERGY SVC INC	25622	HESI-Ethoxylatedalcohols-005
HALLIBURTON ENERGY SVC INC	25622	HESI-Ethoxylatedamines-0043
HALLIBURTON ENERGY SVC INC	25622	HESI-Ethoxylatedfattyacid-0014
HALLIBURTON ENERGY SVC INC	25622	HESI-Ethoxylatedpropoxylatedalcohols-0041
HALLIBURTON ENERGY SVC INC	25622	HESI-Fatty nitrogenderivedamides-0058
HALLIBURTON ENERGY SVC INC	25622	HESI-Fattyacidester-0011
HALLIBURTON ENERGY SVC INC	25622	HESI-Fattyacidester-0012
HALLIBURTON ENERGY SVC INC	25622	HESI-Fattyacidester-0013
HALLIBURTON ENERGY SVC INC	25622	HESI-Fattyacidester-0020
HALLIBURTON ENERGY SVC INC	25622	HESI-Fattyacidester-0031
HALLIBURTON ENERGY SVC INC	25622	HESI-FattyAcids, Talloil-0007
HALLIBURTON ENERGY SVC INC	25622	HESI-InorganicSalt-0010
HALLIBURTON ENERGY SVC INC	25622	HESI-Inorganicsalt-0019
HALLIBURTON ENERGY SVC INC	25622	HESI-Inorganicsalt-0033
HALLIBURTON ENERGY SVC INC	25622	HESI-Modifiedalkane-0054
HALLIBURTON ENERGY SVC INC	25622	HESI-Modifiedbentonite-0037
HALLIBURTON ENERGY SVC INC	25622	HESI-Modifiedbentonite-0056
HALLIBURTON ENERGY SVC INC	25622	HESI-ModifiedThioureaPolymer-0009
HALLIBURTON ENERGY SVC INC	25622	HESI-Non-Hazardousfoodsubstance-0027
HALLIBURTON ENERGY SVC INC	25622	HESI-Non-hazardouspropcomp-0044
HALLIBURTON ENERGY SVC INC	25622	HESI-Olefins-0002
HALLIBURTON ENERGY SVC INC	25622	HESI-Olefins-0003
HALLIBURTON ENERGY SVC INC	25622	HESI-Olefins-0004
HALLIBURTON ENERGY SVC INC	25622	HESI-Olefins-0005
HALLIBURTON ENERGY SVC INC	25622	HESI-Organicphosphonate-0038
HALLIBURTON ENERGY SVC INC	25622	HESI-Organicsalt-0057
HALLIBURTON ENERGY SVC INC	25622	HESI-Oxiranepolymer-0042
HALLIBURTON ENERGY SVC INC	25622	HESI-Oxyalkylatednonylphenolicresin-0016
HALLIBURTON ENERGY SVC INC	25622	HESI-Oxyalkylatednonylphenolicresin-0040
HALLIBURTON ENERGY SVC INC	25622	HESI-Oxyalkylatedphenolicresin-0015
HALLIBURTON ENERGY SVC INC	25622	HESI-Oxyalkylatedphenolicresin-0039
HALLIBURTON ENERGY SVC INC	25622	HESI-Paraffinicsolvent-0017
HALLIBURTON ENERGY SVC INC	25622	HESI-Polyacrylamidecopolymer-0060
HALLIBURTON ENERGY SVC INC	25622	HESI-Polyacrylate-0011
HALLIBURTON ENERGY SVC INC	25622	HESI-Polyacrylate-0018
HALLIBURTON ENERGY SVC INC	25622	HESI-Polyacrylate-0032
HALLIBURTON ENERGY SVC INC	25622	HESI-Polyacticacid-0022
HALLIBURTON ENERGY SVC INC	25622	HESI-Polyactideresin-0021
HALLIBURTON ENERGY SVC INC	25622	HESI-Polyamine-0023
HALLIBURTON ENERGY SVC INC	25622	HESI-Polyactideresin-0046
HALLIBURTON ENERGY SVC INC	25622	HESI-Quaternaryamine-0049
HALLIBURTON ENERGY SVC INC	25622	HESI-Quaternaryamine-0050
HALLIBURTON ENERGY SVC INC	25622	HESI-Telomer-0001
HALLIBURTON ENERGY SVC INC	25622	HESI-Walnuthulls-0024
KEMIRA CHEMICALS INC	248177	KEMIRA-SURFACTANT-00001

KEMIRA CHEMICALS INC	248177	KEMIRA-SURFACTANT-00002
LUBRIZOL OILFIELD SOLUTIONS INC	329703	Lubrizol-Acid-00009
LUBRIZOL OILFIELD SOLUTIONS INC	329703	Lubrizol-Alcohol-00003
LUBRIZOL OILFIELD SOLUTIONS INC	329703	Lubrizol-Alcohol-00006
LUBRIZOL OILFIELD SOLUTIONS INC	329703	Lubrizol-Alkyl Phosphonic Acid-00001
LUBRIZOL OILFIELD SOLUTIONS INC	329703	Lubrizol-Chloride Salt-00002
LUBRIZOL OILFIELD SOLUTIONS INC	329703	Lubrizol-Glycol-00004
LUBRIZOL OILFIELD SOLUTIONS INC	329703	Lubrizol-Glycol-00007
LUBRIZOL OILFIELD SOLUTIONS INC	329703	Lubrizol-Inorganic Salt-00008
LUBRIZOL OILFIELD SOLUTIONS INC	329703	Lubrizol-Lactate Acid Salt-00010
LUBRIZOL OILFIELD SOLUTIONS INC	329703	Lubrizol-Polyether-00005
MULTI CHEM GROUP LLC	278083	MC-Acrylates-00007
MULTI CHEM GROUP LLC	278083	MC-EthoxylatedAlcohol-00002
MULTI CHEM GROUP LLC	278083	MC-Fattyacidester-00009
MULTI CHEM GROUP LLC	278083	MC-FattyNitrogenDerivedAmides-00003
MULTI CHEM GROUP LLC	278083	MC-InnerSaltofAlkylAmines-00005
MULTI CHEM GROUP LLC	278083	MC-NeutralizedPolycarboxylicAcid-00006
MULTI CHEM GROUP LLC	278083	MC-NonHazardousSolventPackage-00001
MULTI CHEM GROUP LLC	278083	MC-Polyacrylamide-00008
MULTI CHEM GROUP LLC	278083	MC-Polyacrylate-00004
NALCO CO LLC DBA NALCO CHAMPION	335882	Nalco-Alkoxylated Fatty Amine-P0566
NALCO CO LLC DBA NALCO CHAMPION	335882	Nalco-Alkyl Sultaine-O0636
NALCO CO LLC DBA NALCO CHAMPION	335882	Nalco-Aromatic Aldehyde-O2908
NALCO CO LLC DBA NALCO CHAMPION	335882	Nalco-Carboxylic Acid Salt-O4078
NALCO CO LLC DBA NALCO CHAMPION	335882	Nalco-Ethoxylated Alcohol-P0269
NALCO CO LLC DBA NALCO CHAMPION	335882	Nalco-Ethoxylated Alcohol-P0503
NALCO CO LLC DBA NALCO CHAMPION	335882	Nalco-Fatty Amino Compound Salt-O6988
NALCO CO LLC DBA NALCO CHAMPION	335882	Nalco-Organic Sulfonic Acid Salt-O1054
NALCO CO LLC DBA NALCO CHAMPION	335882	Nalco-Oxyalkylated alcohol-P1079
NALCO CO LLC DBA NALCO CHAMPION	335882	Nalco-Oxyalkylated Alcohol-P1148
SCHLUMBERGER TECH CORP	140020	SLB-Aliphatic alcohols, ethoxylated #1-00001
SCHLUMBERGER TECH CORP	140020	SLB-Aliphatic alcohols, ethoxylated #2-00001
SCHLUMBERGER TECH CORP	140020	SLB-Aromatic Aldehyde-00001
SCHLUMBERGER TECH CORP	140020	SLB-Aromatic ketone-00001
SCHLUMBERGER TECH CORP	140020	SLB-Ethoxylated alcohol-00001
SCHLUMBERGER TECH CORP	140020	SLB-Hydrocarbon-00001
SCHLUMBERGER TECH CORP	140020	SLB-Olefin Hydrocarbon-00001
SCHLUMBERGER TECH CORP	140020	SLB-Oxyalkylated alkanol-00001
SCHLUMBERGER TECH CORP	140020	SLB-Oxyalkylated fatty amine-00001
SCHLUMBERGER TECH CORP	140020	SLB-Synthetic organic polymer-00001
SCHLUMBERGER TECH CORP	140020	SLB-Synthetic organic polymer-00002
SCHLUMBERGER TECH CORP	140020	SLB-Thiourea formaldehyde polymer-00001
SNF INC	333031	SNF-Stabilizer-001-A
SNF INC	333031	SNF-Surfactant Blend-001B
SNF INC	333031	SNF-Surfactant 001A
SNF INC	333031	SNF-Surfactant Blend-001B-2
TIGHT ROCK SOLUTIONS LLC	331820	TightROCK Solutions LLC-Acrylamide Copolymer-00001

TIGHT ROCK SOLUTIONS LLC	331820	TightROCK Solutions LLC-Alkyl Alcohol-00002
TIGHT ROCK SOLUTIONS LLC	331820	TightROCK Solutions LLC-Amine Triphosphate-00005
TIGHT ROCK SOLUTIONS LLC	331820	TightROCK Solutions LLC-Inorganic Salt-00003
TIGHT ROCK SOLUTIONS LLC	331820	TightROCK Solutions LLC-Oxyalkylated Alcohol-00004
TIGHT ROCK SOLUTIONS LLC	331820	TightROCK Solutions LLC-Substituted Alkylamine-00006
WATER SCIENCE TECH LLC	336576	WST-SCALE INHIBITOR-00001
WATER SCIENCE TECH LLC	336576	WST-SCALE INHIBITOR-00002
WATER SCIENCE TECH LLC	336576	WST-SCALE INHIBITOR-00003
WATER SCIENCE TECH LLC	336576	WST-SCALE INHIBITOR-00004
WATER SCIENCE TECH LLC	336576	WST-SCALE INHIBITOR-00005
WATER SCIENCE TECH LLC	336576	WST-SCALE INHIBITOR-00006
WATER SCIENCE TECH LLC	336576	WST-SCALE INHIBITOR-00007
WATER SCIENCE TECH LLC	336576	WST-SCALE INHIBITOR-00008
WATER SCIENCE TECH LLC	336576	WST-SCALE INHIBITOR-00009
WATER SCIENCE TECH LLC	336576	WST-SCALE INHIBITOR-00010
WATER SCIENCE TECH LLC	336576	WST-SCALE INHIBITOR-00011
WATER SCIENCE TECH LLC	336576	WST-SCALE INHIBITOR-00012
WATER SCIENCE TECH LLC	336576	WST-SCALE INHIBITOR-00013