



Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date: 09/28/2025
Job End Date: 10/30/2025
State: Pennsylvania
County: Westmoreland
API Number: 37-129-29250-00-01
Operator Name: CNX Gas Company LLC
Well Name and Number: MAM14HHSU
Latitude: 40.53591
Longitude: -79.5727
Datum: NAD83
Federal Well: NO
Indian Well: NO
True Vertical Depth: 13448
Total Base Water Volume (gal)*: 22361640
Total Base Non Water Volume: 0

Hydraulic Fracturing Fluid Composition

Ingredient	CAS Number	% HF Fluid
Water	7732-18-5	86.46451
Crystalline Silica in the form of Quartz	14808-60-7	13.34057
Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer	69418-26-4	0.03031
Alkanes, C12-26-Branched and Linear	90622-53-0	0.03031
Hydrogen chloride	7647-01-0	0.02741
Distillates (petroleum), hydrotreated light	64742-47-8	0.01128
Ethoxylated Alcohols (C12-16)	68551-12-2	0.00379
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	0.00226
Glutaraldehyde	111-30-8	0.00209
AA/ATBS Co-polymer	9003-05-8	0.00109
AA/Maleic Anhydride Co-polymer	9003-04-7	0.00109
Didecyl dimethyl ammonium chloride	7173-51-5	0.00031
Quaternary Ammonium Compounds	68424-85-1	0.00031
Citric acid	77-92-9	0.00028
Methyl alcohol	67-56-1	0.00028
Ethanol	64-17-5	0.00016
Ethylene glycol	107-21-1	0.00008
N,N-Dimethylformamide	68-12-2	0.00004
2-Butoxyethanol	111-76-2	0.00002
Cinnamaldehyde	104-55-2	0.00002
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	0.00002
Tar Bases, quinoline derivs, benzyl chloride-quat	72480-70-7	0.00002



Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date: 09/30/2025
Job End Date: 10/31/2025
State: Pennsylvania
County: Westmoreland
API Number: 37-129-29270-00-01
Operator Name: CNX Gas Company LLC
Well Name and Number: MAM14IHSU
Latitude: 40.53591
Longitude: -79.5727
Datum: NAD83
Federal Well: NO
Indian Well: NO
True Vertical Depth: 13486
Total Base Water Volume (gal)*: 31211544
Total Base Non Water Volume: 0

Hydraulic Fracturing Fluid Composition

Ingredient	CAS Number	% HF Fluid
Water	7732-18-5	87.04723
Crystalline Silica in the form of Quartz	14808-60-7	12.73901
Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer	69418-26-4	0.03296
Alkanes, C12-26-Branched and Linear	90622-53-0	0.03296
Hydrogen chloride	7647-01-0	0.03141
Distillates (petroleum), hydrotreated light	64742-47-8	0.01074
Ethoxylated Alcohols (C12-16)	68551-12-2	0.00412
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	0.00215
Glutaraldehyde	111-30-8	0.00212
AA/ATBS Co-polymer	9003-05-8	0.00110
AA/Maleic Anhydride Co-polymer	9003-04-7	0.00110
Citric acid	77-92-9	0.00032
Didecyl dimethyl ammonium chloride	7173-51-5	0.00032
Quaternary Ammonium Compounds	68424-85-1	0.00032
Methyl alcohol	67-56-1	0.00032
Ethanol	64-17-5	0.00016
Ethylene glycol	107-21-1	0.00009
N,N-Dimethylformamide	68-12-2	0.00005
2-Butoxyethanol	111-76-2	0.00002
Cinnamaldehyde	104-55-2	0.00002
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	0.00002
Tar Bases, quinoline derivs, benzyl chloride-quat	72480-70-7	0.00002



Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date: 09/28/2025

Job End Date: 10/30/2025

State: Pennsylvania

County: Westmoreland

API Number: 37-129-29246-00-02

Operator Name: CNX Gas Company LLC

Well Name and Number: MAM14NHSU

Latitude: 40.53591

Longitude: -79.5727

Datum: NAD83

Federal Well: NO

Indian Well: NO

True Vertical Depth: 13464

Total Base Water Volume (gal)*: 27298992

Total Base Non Water Volume: 0

Hydraulic Fracturing Fluid Composition

Ingredient	CAS Number	% HF Fluid
Water	7732-18-5	86.89728
Crystalline Silica in the form of Quartz	14808-60-7	12.89755
Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer	69418-26-4	0.03091
Alkanes, C12-26-Branched and Linear	90622-53-0	0.03091
Hydrogen chloride	7647-01-0	0.02997
Distillates (petroleum), hydrotreated light	64742-47-8	0.01149
Ethoxylated Alcohols (C12-16)	68551-12-2	0.00386
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	0.00230
Glutaraldehyde	111-30-8	0.00209
AA/ATBS Co-polymer	9003-05-8	0.00108
AA/Maleic Anhydride Co-polymer	9003-04-7	0.00108
Didecyl dimethyl ammonium chloride	7173-51-5	0.00031
Quaternary Ammonium Compounds	68424-85-1	0.00031
Citric acid	77-92-9	0.00029
Methyl alcohol	67-56-1	0.00029
Ethanol	64-17-5	0.00016
Ethylene glycol	107-21-1	0.00008
N,N-Dimethylformamide	68-12-2	0.00004
2-Butoxyethanol	111-76-2	0.00002
Cinnamaldehyde	104-55-2	0.00002
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	0.00002
Tar Bases, quinoline derivs, benzyl chloride-quat	72480-70-7	0.00002