

Chemical Inventory - Weaverthorpe - Water Based Drilling Fluid									
Product Name	Purpose	UN No	Transport Class	Hazardous Chemical Composition (SDS Section 3)	Weight %	CAS Number	Hazard Statements	Results of PBT / vPvB Assessment	Comments
16" Hole Section - Water Based Drilling Fluid - Primary									
Caustic Soda M2	pH Modifier.	1823	8	Sodium Hydroxide	60-100	1310-73-2	H290, H314, H318	Not Classified	M002, Version 6, 11/12/2023
M-I Gel (Bentonite)	Viscosifier.	N/A	N/A	Crystalline Silica (impurity)	<10	14808-60-7	H373	Not Classified	PID971, Version 5, 08/09/2023
Soda Ash	pH Modifier.	N/A	N/A	Sodium Carbonate	60-100	497-19-8	H319	Not Classified	PID1477, Version 11, 14/07/2023
Water	Base Component.	N/A	N/A	Water	100	7732-18-5	Not Classified	Not Classified	N/A

Chemical Inventory - Weaverthorpe - KCl Polymer Based Drilling Fluid									
Product Name	Purpose	UN No	Transport Class	Hazardous Chemical Composition (SDS Section 3)	Weight %	CAS Number	Hazard Statements	Results of PBT / vPvB Assessment	Comments
12 1/4" Hole Section - KCl Polymer Based Drilling Fluid - Primary									
Caustic Soda M2	pH Modifier.	1823	8	Sodium Hydroxide	60-100	1310-73-2	H290, H314, H318	Not Classified	M002, Version 6, 11/12/2023
Drilling Starch	Fluid Loss Reducer.	N/A	N/A	Starch	60-100	Proprietary	Not Classified	Not Classified	PID2025, Version 3, 05/02/2020
Flowzan Biopolymer	Drilling Fluid Additive	N/A	N/A	Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).	N/A	N/A	Not Classified	Not Classified	100000067137, Version 1.4, 29/06/2020
Polypac	Fluid Loss Reducer. Viscosifier.	N/A	N/A	Polyanionic cellulose	60-100	Proprietary	Not Classified	Not Classified	141381, Version 2, 05/02/2016
Potassium Chloride	Drilling Fluid Additive. Completion Fluid Additive.	N/A	N/A	Potassium Chloride	60-100	7447-40-7	Not Classified	Not Classified	PID10258, Version 8, 14/06/2023
Safe-Carb (All Grades)	Lost Circulation Material. Weighting Agent. Bridging Material.	N/A	N/A	Calcium Carbonate	60-100	471-34-1	Not Classified	Not Classified	PID1361, Version 11, 10/05/2023
				Crystalline Silica (impurity)	<1	14808-60-7	H373	Not Classified	
Soda Ash	pH Modifier.	N/A	N/A	Sodium Carbonate	60-100	497-19-8	H319	Not Classified	PID1477, Version 11, 14/07/2023
Water	Base Component.	N/A	N/A	Water	100	7732-18-5	Not Classified	Not Classified	N/A

Chemical Inventory - Weaverthorpe - KCl Polymer Based Drilling Fluid									
Product Name	Purpose	UN No	Transport Class	Hazardous Chemical Composition (SDS Section 3)	Weight %	CAS Number	Hazard Statements	Results of PBT / vPvB Assessment	Comments
8 1/2" Hole Section - KCl Polymer Based Drilling Fluid - Primary									
Caustic Soda M2	pH Modifier.	1823	8	Sodium Hydroxide	60-100	1310-73-2	H290, H314, H318	Not Classified	M002, Version 6, 11/12/2023
Drilling Starch	Fluid Loss Reducer.	N/A	N/A	Starch	60-100	Proprietary	Not Classified	Not Classified	PID2025, Version 3, 05/02/2020
Duo-Vis	Viscosifier.	N/A	N/A	Glyoxal	<1	107-22-2	H315, H317, H319, H332, H341	Not Classified	PID510, Version 13, 03/02/2022
Flowzan Biopolymer	Drilling Fluid Additivie	N/A	N/A	Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).	N/A	N/A	Not Classified	Not Classified	100000067137, Version 1.4, 29/06/2020
Polypac	Fluid Loss Reducer. Viscosifier.	N/A	N/A	Polyanionic cellulose	60-100	Proprietary	Not Classified	Not Classified	141381, Version 2, 05/02/2016
Potassium Chloride	Drilling Fluid Additive. Completion Fluid Additive.	N/A	N/A	Potassium Chloride	60-100	7447-40-7	Not Classified	Not Classified	PID10258, Version 8, 14/06/2023
Safe-Carb (All Grades)	Lost Circulation Material. Weighting Agent. Bridging Material.	N/A	N/A	Calcium Carbonate	60-100	471-34-1	Not Classified	Not Classified	PID 1361, Version 11, 10/05/2023
				Crystalline Silica (impurity)	<1	14808-60-7	H373	Not Classified	
Soda Ash	pH Modifier.	N/A	N/A	Sodium Carbonate	60-100	497-19-8	H319	Not Classified	PID1477, Version 11, 14/07/2023
Water	Base Component.	N/A	N/A	Water	100	7732-18-5	Not Classified	Not Classified	N/A

Chemical Inventory - Weaverthorpe - KCl Polymer Based Drilling Fluids									
Product Name	Purpose	UN No	Transport Class	Hazardous Chemical Composition (SDS Section 3)	Weight %	CAS Number	Hazard Statements	Results of PBT / vPvB Assessment	Comments
6 1/8" Hole Section - KCl Polymer Based Drilling Fluid - Primary									
Caustic Soda M2	pH Modifier.	1823	8	Sodium Hydroxide	60-100	1310-73-2	H290, H314, H318	Not Classified	M002, Version 6, 11/12/2023
Drilling Starch	Fluid Loss Reducer.	N/A	N/A	Starch	60-100	Proprietary	Not Classified	Not Classified	PID2025, Version 3, 05/02/2020
Duo-Vis	Viscosifier.	N/A	N/A	Glyoxal	<1	107-22-2	H315, H317, H319, H332, H341	Not Classified	PID510, Version 13, 03/02/2022
Flowzan Biopolymer	Drilling Fluid Additivie	N/A	N/A	Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).	N/A	N/A	Not Classified	Not Classified	100000067137, Version 1.4, 29/06/2020
Polypac	Fluid Loss Reducer. Viscosifier.	N/A	N/A	Polyanionic cellulose	60-100	Proprietary	Not Classified	Not Classified	141381, Version 2, 05/02/2016
Potassium Chloride	Drilling Fluid Additive. Completion Fluid Additive.	N/A	N/A	Potassium Chloride	60-100	7447-40-7	Not Classified	Not Classified	PID10258, Version 8, 14/06/2023
Safe-Carb (All Grades)	Lost Circulation Material. Weighting Agent. Bridging Material.	N/A	N/A	Calcium Carbonate	60-100	471-34-1	Not Classified	Not Classified	PID 1361, Version 11, 10/05/2023
				Crystalline Silica (impurity)	<1	14808-60-7	H373	Not Classified	
Soda Ash	pH Modifier.	N/A	N/A	Sodium Carbonate	60-100	497-19-8	H319	Not Classified	PID1477, Version 11, 14/07/2023
Water	Base Component.	N/A	N/A	Water	100	7732-18-5	Not Classified	Not Classified	N/A

Chemical Inventory - Weaverthorpe - Contingency Products									
Product Name	Purpose	UN No	Transport Class	Hazardous Chemical Composition (SDS Section 3)	Weight %	CAS Number	Hazard Statements	Results of PBT/vPvB Assessment	Comments
Barite	Weighting Agent. Drilling Fluid Additive.	N/A	N/A	Barium Sulphate BaSO4	>93.5	7727-43-7	Not Classified	Not Classified	5028EC, Issue 2, January 2004
				Calcium Carbonate CaCO3	1.5 - 2.0	471-34-1	Not Classified		
Conqor 404 EH	Corrosion Inhibitor.	N/A	N/A	Potassium hydroxide	<1	1310-58-3	H290, H302, H314	Not Classified	PID20036, Version 5, 14/05/2024
Drilling Starch	Fluid Loss Reducer.	N/A	N/A	Starch	60-100	Proprietary	Not Classified	Not Classified	PID2025, Version 3, 05/02/2020
Duo-Vis	Viscosifier.	N/A	N/A	Glyoxal	<1	107-22-2	H315, H317, H319, H332, H341	Not Classified	PID510, Version 13, 03/02/2022
Flowzan Biopolymer	Drilling Fluid Additive	N/A	N/A	Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).	N/A	N/A	Not Classified	Not Classified	100000067137, Version 1.4, 29/06/2020
Kwik Seal M	Lost Circulation Material.	N/A	N/A	Wood, Wood Fibers, Ground Hulls or Shells	N/A	N/A	Not Classified	Not Classified	Revision 1.1, 20/09/2011
				Mica	N/A	N/A	Not Classified		
M-I Gel (Bentonite)	Viscosifier.	N/A	N/A	Crystalline Silica (impurity)	<10	14808-60-7	Not Classified	Not Classified	PID971, Version 5, 08/09/2023
Polypac	Fluid Loss Reducer. Viscosifier.	N/A	N/A	Polyanionic cellulose	60-100	Proprietary	Not Classified	Not Classified	141381, Version 2, 05/02/2016
Safe-Carb (All Grades)	Lost Circulation Material. Weighting Agent. Bridging Material.	N/A	N/A	Calcium Carbonate	60-100	471-34-1	Not Classified	Not Classified	PID1361, Version 11, 10/05/2023
				Crystalline Silica (impurity)	<1	14808-60-7	H373		
Safe-Cor	Corrosion Inhibitor.	N/A	N/A	Ethanol, 2,2'-oxybis-, reaction products with ammonia, morpholine derivs. Residues.	30-60	68909-77-3	H318, H402, H412	Not Classified	PID1370, Version 13, 30/08/2022
Sodium Bicarbonate	Drilling Fluid Additive.	N/A	N/A	Sodium Hydrogen Carbonate	60-100	144-55-8	Not Classified	Not Classified	PID1483, Version 10, 07/04/2023

Chemical Inventory - Weaverthorpe - Contingency Products									
Product Name	Purpose	UN No	Transport Class	Hazardous Chemical Composition (SDS Section 3)	Weight %	CAS Number	Hazard Statements	Results of PBT/vPvB Assessment	Comments
Sugar	Cement Retarder.	N/A	N/A	Sucrose	60-100	57-50-1	Not Classified	Not Classified	PID1537, Version 5, 26/07/2023
				Crystalline Silica (impurity)	<1	14808-60-7	H373		

Chemical Inventory - Weaverthorpe - Completion Additives									
Product Name	Purpose	UN No	Transport Class	Hazardous Chemical Composition (SDS Section 3)	Weight %	CAS Number	Hazard Statements	Results of PBT/vPvB Assessment	Comments
Completion Additives									
Caustic Soda M2	pH Modifier.	1823	8	Sodium Hydroxide	60-100	1310-73-2	H290, H314, H318	Not Classified	M002, Version 6, 11/12/2023
Duo-Vis	Viscosifier.	N/A	N/A	Glyoxal	<1	107-22-2	H315, H317, H319, H332, H341	Not Classified	PID510, Version 13, 03/02/2022
Flowzan Biopolymer	Drilling Fluid Additive	N/A	N/A	Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).	N/A	N/A	Not Classified	Not Classified	100000067137, Version 1.4, 29/06/2020
Protekt 4144	Biocide.	2735	8	1,3,5-Trimethylhexahydro-1,3,5-triazine	30-50	108-74-7	H302, H304, H314, H318	Not Classified	09/11/2016
				Formaldehyde	<0.1	50-00-0			
Protekt 4200	Oxygen (O ₂) Scavenger.	2693	8	Ammonium Bisulfite	50-70	10192-30-0	H290, H314, H318	Not Classified	09/11/2016
Protekt 4850	Corrosion Inhibitor.	3082	9	A blend of 2-(heptadec8enyl)-4,5-dihydro-1-(2hydroxyethyl)-1Himidazolium	8-10	3388-72-5	H302, H315, H319, H410	Not Classified	September 2015
				A blend of 2-(heptadec6enyl)-4,5-dihydro-1-(2hydroxyethyl)-2Himidazolium	8-10	3388-72-8			
				1-Aminooctadecane	8-12	124-30-1			
RO GT V652	Scavenger.	2810	6.1	2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol	30-60	4719-04-4	H302, H317, H330, H372	Not Classified	Revision 6, 07/02/2018
				2-aminoethanol	1-5	141-43-5	H302, H312, H314, H332, H335		
RO WI V662	Oxygen (O ₂) Scavenger.	N/A	N/A	Ammonium Bisulfite	60-100	Proprietary	H319, H335, EUH031	Not Classified	Revision 1, 17/06/2013
RO WT C348	Corrosion Inhibitor.	6.1 (5.1)	3287	Sodium Nitrite	30-60	7632-00-0	H272, H301, H400	Not Classified	Revision 2, 19/06/2014

Chemical Inventory - Weaverthorpe - Completion Additives									
Product Name	Purpose	UN No	Transport Class	Hazardous Chemical Composition (SDS Section 3)	Weight %	CAS Number	Hazard Statements	Results of PBT/vPvB Assessment	Comments
Soda Ash	pH Modifier.	N/A	N/A	Sodium Carbonate	60-100	497-19-8	H319	Not Classified	PID1477, Version 11, 14/07/2023
Sodium Chloride Powder (salt)	Additive.	N/A	N/A	Sodium chloride	60-100	7647-14-5	Not Classified	Not Classified	PID1422, Version 11, 14/06/2023