



Product	Use	Product Weight (Kilograms)	Product % Weight (% of Total Product Weights)	Ingredient	Ingredient CAS No.	Ingredient % (% of Product) (Conservative*)	Ingredient Weight (Kilograms) (Conservative*)	Ingredient % Weight (Conservative*)	Product	-> Component
Water	Carrier	343,235.9	80.778%	Non-Hazardous ingredients		100%	343,235.900	79.977554%	none	none
Resin Coated Ceramic proppant 20/40	Proppant	7,920.0	1.864%	Ceramic materials and wares, chemicals		100%	7,920.000	1.845443%	none	none
Resin Coated Ceramic proppant 16/20	Proppant	43,920.0	10.336%	Ceramic materials and wares, chemicals		100%	43,920.000	10.233819%	none	none
LFC-1NSV	Gellant	3,482.0	0.819%	Hydrocarbons C14-C17, n-alkanes, <2% aromatics	01-2119487513-33/917-828-1	25%	870.500	0.202836%	H304, EUH066 (R65, R66)	H304, (R65, R66)
				Hydrocarbons C10-C14, n-alkanes, isoalkanes, <2% aromatics	01-211-9458951-30/920-274-3	10%	870.500	0.202836%		H304 (R65, R66)
GS-1L	Gel Stabilizer	0.0	0.000%	Non-hazardous		100%	0.000	0.000000%	none	none
BF-7L	Buffer	471.0	0.111%	Potassium Carbonate	584-08-7 / 209-529-3	60%	282.600	0.065849%	H315 ; H319; H335	H315 ; H319; H335
XLW-30G	Crosslinker	196.0	0.046%	Non Hazardous		100%	196.000	0.045670%		none
				Sodium Bisulphate	7681-38-1 / 231-665-7	0.1%	0.196	0.000046%	H302; H315; H319	
				Sodium Chloride	7647-14-5 / 231-598-3	0.1%	0.196	0.000046%	H302; H315; H319	
				Crystalline Silica Quartz	14808-60-7 / 238-878-4	0.1%	0.196	0.000046%		H373
Enzyme G-I	Breaker	393.0	0.092%	Non-hazardous		100%	393.000	0.091573%	none	none
GBW-24	Breaker	14.0	0.003%	Calcium Peroxide	1305-79-9	70%	9.800	0.002284%	H272 ; H315; H318; H335	H272 ; H315; H318; H335
				Calcium dihydroxide	1305-62-0	20%	2.800	0.000652%		H315; H318; H335
				Limestone	1317-65-3	10%	1.400	0.000326%		none
Fio-Back 30	Surfactant	348.0	0.082%	1-Propanaminium, 3- amino-N-(carboxymethyl)-N,Ndimethyl-, N-coco acyl derivs., hydroxides, inner salts	61789-40-0 / 263-058-8	30%	104.400	0.024326%	H315; H319	H315; H319
Potassium Chloride	Salt	17,911.8	4.215%						none	
						100%	17,911.800	4.173637%		none
TOTALS		424,914.2	100.000%				429,165.29	100.000%		

Conservative* = Uses maximum % of any range. Total Ingredient Percentages may exceed 100% and Total Ingredient Weights may exceed Product Weight