

# Comparative Analysis

## MOP vs. Other Loose Particle Oil Sorbents



Applications	MOP MOP - 301	Cellulose Sorbents	Clay Sorbents	Peat Moss Sorbents	Polypropolene Sorbents	Vermiculite Sorbents
Land	5 Green	4 Green	2 Green	4 Green	5 Green	2 Green
Water	5 Green	1 Green	1 Black	1 Black	5 Green	1 Black
Open Water Ways	5 Green	1 Black	1 Black	1 Black	4 Green	1 Black
Snow & Ice	5 Green	4 Green	1 Black	1 Black	5 Green	1 Black

Safety	MOP MOP - 301	Cellulose Sorbents	Clay Sorbents	Peat Moss Sorbents	Polypropolene Sorbents	Vermiculite Sorbents
Non-Toxic	5 Green	4 Green	4 Green	4 Green	4 Green	1 Black
Bio-Degradable	5 Green	4 Green	1 Black	4 Green	1 Black	1 Black
Non-Corrosive	5 Green	4 Green	4 Green	4 Green	4 Green	1 Black
Non-Irritating	5 Green	4 Green	4 Green	4 Green	4 Green	1 Black
EPA approved	5 Green	1 Black	1 Black	1 Black	1 Black	1 Black
Safe to Plants and Animals	5 Green	4 Green	4 Green	4 Green	2 Green	1 Black

Properties	MOP MOP - 301	Cellulose Sorbents	Clay Sorbents	Peat Moss Sorbents	Polypropolene Sorbents	Vermiculite Sorbents
Light Weight	5 Green	4 Green	1 Black	2 Green	4 Green	2 Green
Made from Recycled Materials	5 Green	4 Green	1 Black	1 Black	4 Green	1 Black
Traction Restoring Grit	5 Green	1 Black	1 Black	1 Black	1 Black	1 Black
Floats	5 Green	1 Black	1 Black	2 Green	4 Green	1 Black
Fire Retardant	5 Green	2 Green	4 Green	4 Green	2 Green	4 Green
Primary Component	Hydrophobic Cellulose	Cellulose	Clay	Peat Moss	Poly	Vermiculite
Residue	5 Green	4 Green	1 Black	1 Black	4 Green	1 Black
% Ash When Burned	0.10%	3.4%	N/A	3.4%	0.3%	N/A
Oil Recovery When Squeezed	95%	75%	0%	0%	79%	0%
Oil Pickup Ratio (lbs. of Oil Absorbed to lb. of Sorbent)	30 : 1	1.0 : 1	0.94 : 1	6.6 : 1	13.7 : 1	1.7 : 1

Product Variations	MOP MOP - 301	Cellulose Sorbents	Clay Sorbents	Peat Moss Sorbents	Polypropolene Sorbents	Vermiculite Sorbents
Booms	5 Green	4 Green	1 Black	4 Green	5 Green	1 Black
Loose	5 Green	4 Green	4 Green	4 Green	5 Green	2 Green
Pillows/Pads	5 Green	4 Green	1 Black	4 Green	5 Green	1 Black
Socks	5 Green	4 Green	1 Black	4 Green	5 Green	1 Black
Spill Kits	5 Green	4 Green	1 Black	4 Green	5 Green	1 Black
Total Cost to Use	5 Green	4 Green	1 Black	2 Green	2 Green	1 Black