

Preparation and Evaluation of Oil Sorbent Materials for Treatment of Hydrocarbons Spillage in Fresh Water

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LIST OF ABBREVIATIONS

4-chloromethyl styrene	CMS
poly(styrene-co-p-chloromethyl styrene)	PSCMS
poly{styrene-co-[4-(methyl acrylate) styrene]}	PSSMA
Ethylhexyl acrylate	EHA
Lauryl methacrylate	LMA
Octadecyl acrylate	ODA
Maximum oil absorbency	Q _{max}
Divinyl benzene	DVB
Methylene bisacrylamide	MBA
Octadecyl acrylate	ODA
Scanning Electron Microscopy	SEM
Souble fraction	SF
Thermal gravimetric analysis	TGA
Dimethylformamide	DMF
Dichloromethan	DCM
Equilibrium solvent content	ESC

Swelling kinetic constant	K
Quantitative structure-activity relationships	QSAR
Volatile organic compounds	VOC
Polycyclic aromatic hydrocarbons	PAH
Deep water Horizon	DWH
Britch Petroleum	BP
Exfoliated graphite	EG
X-ray diffraction	XRD
Graphene coated melamine sponges	GCMS
High calcium fly ash	HCFA
Natural wool fibers	NWF
Hydroxypropyl cellulose acrylate	HPCA
Polypropylene	PP
Polypropylene	PU
Polystyrene	PS
Polyvinyl chloride	PVC
Polyethylene terephthalate	PET
High density polyethylene	HDPE

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